This document was too large to scan as a whole document, therefore it required breaking into smaller sections.

Document number: SD-WM-DP-099

Section 4 **of** 6

Title: FINAL REPORT FOR TANK 241-C-103 PUSH MODE SAMPLE CORES 63 and 66

Date: 9/29/95 **Revision:** 1

Originator: K.E. BELL
Co: WHC

Recipient:
Co:

References: ECN-625705

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950310B

D950310B.TXT
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A-0004-0

LABCORE Data Entry Template for Worklist# 625

Analyst: JK Soto **Instrument:** ICP0~~1~~2 Rev. Mode A-1 BW 3/10/95 **Method:** LA-505-~~151~~ 161 BW 3/10/95 **Book#** 38B48A

Worklist Comment: ICP Fusion C103

Seq	Type	Sample#	R	A	Test	Matrix	Analytes Requested
1	ICV				@ICP-QC	QC	
2	ICB				@ICP-QC	QC	
3	ICSA				@ICP-QC	QC	
4	ICSAB				@ICP-QC	QC	
5	PREPBLKTJA				@ICP-F02	SOLID	
6	SAMPLE	S95T000094	0	F	@ICP-F02	SOLID	AL-F-01 , CA-F-01 , CR-F-01 , FE-F-01 , K-F-01 , NA-F-01 , NI-F-01 , ZN-F-01 , ZR-F-01
7	DUP	S95T000094	0	F	@ICP-F02	SOLID	
8	CCV				@ICP-QC	QC	
9	CCB				@ICP-QC	QC	
10	SAMPLE	S95T000095	0	F	@ICP-F02	SOLID	AL-F-01 , CA-F-01 , CR-F-01 , FE-F-01 , K-F-01 , NA-F-01 , NI-F-01 , ZN-F-01 , ZR-F-01
11	DUP	S95T000095	0	F	@ICP-F02	SOLID	
12	ICSA				@ICP-QC	QC	
13	ICSAB				@ICP-QC	QC	
14	CCV				@ICP-QC	QC	
15	CCB				@ICP-QC	QC	

Final page for worklist # 625

JK Soto 03-10-95

Analyst Signature **Date**

Analyst Signature **Date**

WHC-SD-WM-DP-~~080~~ 049, REV. 1 9/25/95

Data Entry Comments:

File: 950310B

Analysis Report Summary Fri 03-10-95 01:58:13 PM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950310B	ICP2	03/10/95	12:21	DKS	Q	CONC
2	ICB	950310B	ICP2	03/10/95	12:25	DKS	Q	CONC
3	ICSA	950310B	ICP2	03/10/95	12:29	DKS	Q	CONC
4	ICSAB	950310B	ICP2	03/10/95	12:32	DKS	Q	CONC
5	PREPBLKTJA	950310B	ICP2	03/10/95	12:37	DKS	S	CONC
6	S95T000094_L	950310B	ICP2	03/10/95	12:43	DKS	S	CONC
7	S95T000094	950310B	ICP2	03/10/95	12:49	DKS	S	CONC
8	S95T000094_D	950310B	ICP2	03/10/95	12:55	DKS	S	CONC
9	CCV_1	950310B	ICP2	03/10/95	13:02	DKS	Q	CONC
10	CCB_1	950310B	ICP2	03/10/95	13:06	DKS	Q	CONC
11	S95T000095_L	950310B	ICP2	03/10/95	13:11	DKS	S	CONC
12	S95T000095	950310B	ICP2	03/10/95	13:17	DKS	S	CONC
13	S95T000095_D	950310B	ICP2	03/10/95	13:22	DKS	S	CONC
14	ICSA	950310B	ICP2	03/10/95	13:35	DKS	Q	CONC
15	ICSAB	950310B	ICP2	03/10/95	13:39	DKS	Q	CONC
16	CCV_2	950310B	ICP2	03/10/95	13:48	DKS	Q	CONC
17	CCB_2	950310B	ICP2	03/10/95	13:51	DKS	Q	CONC

DK
3-10-95
C-103 S95T000094
S95T000095

WHC-SD-WM-DP-~~080~~ 099, REV. 1
9/25/95

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 410 **TO** 413.

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.949	4.933	5.099	4.968	5.051	5.193
2	ICB	.0015	.0012	-.0003	.0017	.0000	.0002
3	ICSA	-.0011	247.2	.0137	.0052	-.0001	.0004
4	ICSAB	1.014	246.8	-.0093	-.0001	.4817	.5065
5	PREPBLKTJA	.0006	.2047	.0008	-.0037	.0188	.0004
6	S95T000094_L	-93.18	191700.	1252.	-375.5	184.8	45.68
7	S95T000094_	217.4	191700.	-186.3	-108.9	199.2	10.60
8	S95T000094_D	204.3	193500.	1.932	4.931	200.8	19.71
9	CCV_1	4.985	4.998	5.135	5.021	5.130	5.314
10	CCB_1	.0032	.0039	.0166	.0022	-.0001	.0004
11	S95T000095_L	120.6	187600.	1704.	-455.2	163.8	37.27
12	S95T000095_	349.3	192900.	83.78	-86.24	220.5	22.06
13	S95T000095_D	295.3	193800.	-54.79	190.3	216.9	18.35
14	ICSA	-.0011	251.2	-.0265	-.0049	-.0000	.0005
15	ICSAB	1.027	252.1	.0308	.0027	.4906	.5177
16	CCV_2	4.978	4.981	5.133	4.982	5.119	5.321
17	CCB_2	.0015	.0033	-.0049	.0039	-.0001	.0003

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	4.966	4.965	5.060	5.093	5.095	5.122
2	ICB	.0170	.0066	.0007	.0021	.0003	-.0012
3	ICSA	.0632	254.0	.0032	.0076	.0013	-.0034
4	ICSAB	.0793	264.3	.9797	.0052	.4833	.4800
5	PREPBLKTJA	-6.310	.3174	.0007	.0012	.0095	.0266
6	S95T000094_L	-10340.	2638.	327.5	-4.917	264.5	773.7
7	S95T000094_	-11930.	1944.	195.0	35.00	65.63	864.2
8	S95T000094_D	-11690.	2085.	226.1	35.34	153.8	957.2
9	CCV_1	4.997	5.075	5.129	5.181	5.150	5.192
10	CCB_1	.0171	.0034	.0011	-.0003	.0000	.0001
11	S95T000095_L	-7307.	3469.	463.3	-1777.	188.5	725.6
2	S95T000095_	-13980.	2516.	234.7	114.1	146.3	1021.
3	S95T000095_D	-13790.	2344.	237.5	241.8	65.97	1030.
14	ICSA	.0890	257.8	.0046	.0102	.0032	-.0035
15	ICSAB	.0740	269.4	.9955	.0079	.4884	.4881
16	CCV_2	5.027	5.158	5.168	5.193	5.192	5.235
17	CCB_2	.0602	.0079	.0013	-.0041	-.0003	-.0009

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.092	.0039	5.015	4.842	5.004	4.876
2	ICB	.0005	.0007	.0010	-.0882	-.0004	.0007
3	ICSA	-.0084	-.0464	93.96	-.0203	-.0024	.0033
4	ICSAB	.4841	-.0541	93.86	-.0354	-.0022	.9453
5	PREPBLKTJA	.0189	.0050	.2228	8865.	-.0025	.0024
6	S95T000094_L	2116.	-100.7	14150.	18e6	-8.777	-79.96
7	S95T000094_	2213.	13.19	14110.	18e6	-1.317	12.79
8	S95T000094_D	2196.	25.22	14400.	18e6	13.16	28.79
9	CCV_1	5.185	.0035	5.106	4.857	5.099	4.974
10	CCB_1	-.0007	.0001	.0001	-.1987	-.0009	.0002
11	S95T000095_L	3071.	-11.32	16490.	21e6	-280.9	19.42

WHC-SD-WM-DP- ~~080~~ 099, REV. 1 9/25/95

#	Sample Name	Cu	Eu	Fe	K	La	Li
12	S95T000095	3140.	36.59	17130.	21e6	8.163	27.19
13	S95T000095_D	3150.	29.58	17230.	21e6	29.59	23.30
14	ICSA	-.0079	-.0518	94.99	-.0081	-.0022	.0031
15	ICSAB	.4976	-.0575	95.53	-.0064	-.0029	.9715
16	CCV_2	5.163	.0041	5.118	4.947	5.099	4.890
17	CCB_2	.0002	.0004	.0020	-.0202	-.0008	.0005

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.851	5.004	5.035	4.905	5.059	5.009
2	ICB	-.0075	.0005	.0055	.0081	-.0031	-.0022
3	ICSA	252.1	-.0037	-.0137	191.6	-.0007	-.0272
4	ICSAB	244.0	.4708	-.0131	192.5	-.0027	.9110
5	PREPBLKTJA	.0661	.0427	.0012	3.334	-.0047	3.459
6	S95T000094_L	-1332.	859.9	449.9	25290.	-334.8	26940.
7	S95T000094	-29.30	883.7	58.01	26010.	4.819	28810.
8	S95T000094_D	73.45	915.1	5.034	25870.	7.210	29390.
9	CCV_1	4.930	5.055	5.105	4.968	5.139	5.016
10	CCB_1	-.0045	.0002	.0027	.0030	-.0027	-.0071
11	S95T000095_L	-1529.	970.7	228.0	26920.	-550.9	33500.
12	S95T000095	333.3	1008.	33.64	26850.	90.69	36160.
13	S95T000095_D	269.7	1012.	116.0	26760.	104.6	35930.
14	ICSA	256.1	-.0039	-.0124	195.7	-.0016	-.0369
15	ICSAB	249.1	.4777	-.0160	197.5	-.0008	.9717
16	CCV_2	4.920	5.086	5.128	4.900	5.129	5.080
17	CCB_2	-.0071	.0004	.0009	.0052	-.0035	-.0079

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.076	4.867	5.118	4.800	4.944	5.068
2	ICB	.0564	.0142	.0185	.0035	.0266	.0077
3	ICSA	-.0116	-.0645	-.0273	-.0378	.1547	.0604
4	ICSAB	-.0077	.8934	-.0046	-.0027	.1479	.1985
5	PREPBLKTJA	.0786	.0988	.0365	-.0059	-1.799	.3686
6	S95T000094_L	11170.	-2036.	1368.	-1424.	-1864.	4319.
7	S95T000094	3664.	606.9	1176.	-583.0	-3030.	4968.
8	S95T000094_D	3617.	1046.	707.8	-567.4	-3229.	5161.
9	CCV_1	5.135	4.933	5.154	4.883	5.056	5.110
10	CCB_1	.0615	.0054	.0086	-.0133	.0084	.0039
11	S95T000095_L	14420.	-1905.	1010.	-1070.	-4528.	5871.
12	S95T000095	4131.	1422.	427.8	-669.1	-3972.	6358.
13	S95T000095_D	4277.	1632.	1035.	-395.1	-3839.	6323.
14	ICSA	-.0005	-.0572	-.0359	-.0262	.1512	.0611
15	ICSAB	-.0077	.8878	-.0060	-.0091	.1461	.2056
16	CCV_2	5.156	4.974	5.168	4.901	5.061	5.114
17	CCB_2	.0612	-.0031	.0063	-.0070	.0133	.0061

WHC-SD-WM-DP-~~140~~ 099, REV. 1
9/25/95

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	4.933	4.972	-.0732	4.884	4.884	9.534
2	ICB	.0109	.0005	.0001	-.0002	.0211	.0341
3	ICSA	.0060	.0011	-.0241	.0003	.1364	-.0310
4	ICSAB	.0022	.0016	-.0180	.0035	.1688	-.0749
5	PREPBLKTJA	.0318	.0029	.1490	.0030	.0497	-2.362
6	S95T000094_L	-422.9	24.46	643.8	41.89	3333.	-5031.
7	S95T000094	278.4	45.76	409.7	68.43	-98.99	-994.2
8	S95T000094_D	365.5	47.39	605.4	60.06	879.1	-739.2
9	CCV_1	5.041	5.070	-.0686	4.985	4.960	9.731
10	CCB_1	.0026	.0001	.0006	-.0002	.0423	.0027
11	S95T000095_L	1092.	109.2	-21.83	-50.02	8343.	-1904.
12	S95T000095	443.3	53.57	611.9	114.2	2148.	-1089.
13	S95T000095_D	489.2	51.59	609.4	124.6	1068.	-1550.
14	ICSA	.0026	.0011	-.0219	.0005	.1604	-.0550
15	ICSAB	-.0001	.0016	-.0233	.0035	.1919	-.1019
16	CCV_2	5.023	5.064	-.0668	5.008	5.032	9.729
17	CCB_2	.0062	.0003	.0011	-.0002	.0290	.0175

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.029	.0106	5.219	4.945
2	ICB	.0023	.0005	-.0017	.0014
3	ICSA	.0043	.0073	-.0143	-.0004
4	ICSAB	.4866	.0072	.9821	-.0000
5	PREPBLKTJA	.0133	.0012	.0217	.0000
6	S95T000094_L	-254.4	-26.89	2603.	9917.
7	S95T000094	62.06	29.57	628.8	10260.
8	S95T000094_D	68.41	34.95	626.2	10380.
9	CCV_1	5.109	.0105	5.191	5.025
10	CCB_1	.0000	.0000	.0000	-.0008
11	S95T000095_L	-2.001	48.97	1075.	12030.
12	S95T000095	128.4	42.44	1039.	12480.
13	S95T000095_D	111.3	42.44	998.8	12530.
14	ICSA	.0038	.0071	-.0132	-.0006
15	ICSAB	.4934	.0072	.9926	-.0008
16	CCV_2	5.132	.0108	5.203	5.040
17	CCB_2	.0015	.0004	-.0023	.0013

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3-10-95
C-103

S95T000094
S95T000095

WHC-SD-WM-DP-080, REV. 1
099 9/25/95

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M
1	625	1			ICV	AG	4.9493	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
2	625	1			ICV	AL	4.9335	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
3	625	1			ICV	AS	5.0986	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
4	625	1			ICV	B	4.9679	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
5	625	1			ICV	BA	5.0511	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
6	625	1			ICV	BE	5.1930	1.0000	03/10/95	12:21	dks	0.005	@ICP-QC
7	625	1			ICV	BI	4.9656	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
8	625	1			ICV	CA	4.9649	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
9	625	1			ICV	CD	5.0601	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
10	625	1			ICV	CE	5.0926	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
11	625	1			ICV	CO	5.0954	1.0000	03/10/95	12:21	dks	0.02	@ICP-QC
12	625	1			ICV	CR	5.1222	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
13	625	1			ICV	CU	5.0916	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
14	625	1			ICV	EU	0.0039	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
15	625	1			ICV	FE	5.0147	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
16	625	1			ICV	K	4.8424	1.0000	03/10/95	12:21	dks	0.3	@ICP-QC
17	625	1			ICV	LA	5.0043	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
18	625	1			ICV	LI	4.8763	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
19	625	1			ICV	MG	4.8507	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
20	625	1			ICV	MN	5.0037	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
21	625	1			ICV	MO	5.0354	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
22	625	1			ICV	NA	4.9055	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
23	625	1			ICV	ND	5.0595	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
24	625	1			ICV	NI	5.0093	1.0000	03/10/95	12:21	dks	0.02	@ICP-QC
25	625	1			ICV	P	5.0763	1.0000	03/10/95	12:21	dks	0.2	@ICP-QC
26	625	1			ICV	PB	4.8672	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
27	625	1			ICV	S	5.1182	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
28	625	1			ICV	SB	4.7996	1.0000	03/10/95	12:21	dks	0.2	@ICP-QC
29	625	1			ICV	SE	4.9438	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
30	625	1			ICV	SI	5.0683	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
31	625	1			ICV	SM	4.9332	1.0000	03/10/95	12:21	dks	0.1	@ICP-QC
32	625	1			ICV	SR	4.9720	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
33	625	1			ICV	TH	-0.0732	1.0000	03/10/95	12:21	dks	0	@ICP-QC
34	625	1			ICV	TI	4.8836	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
35	625	1			ICV	TL	4.8836	1.0000	03/10/95	12:21	dks	0.2	@ICP-QC
36	625	1			ICV	U	9.5336	1.0000	03/10/95	12:21	dks	0.4	@ICP-QC
37	625	1			ICV	V	5.0288	1.0000	03/10/95	12:21	dks	0.05	@ICP-QC
38	625	1			ICV	Y	0.0106	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
39	625	1			ICV	ZN	5.2192	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
40	625	1			ICV	ZR	4.9447	1.0000	03/10/95	12:21	dks	0.01	@ICP-QC
41	625	2			ICB	AG	0.0015	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
42	625	2			ICB	AL	0.0012	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
43	625	2			ICB	AS	-0.0003	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
44	625	2			ICB	B	0.0017	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
45	625	2			ICB	BA	0.0000	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
46	625	2			ICB	BE	0.0002	1.0000	03/10/95	12:25	dks	0.005	@ICP-QC
47	625	2			ICB	BI	0.0170	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
48	625	2			ICB	CA	0.0066	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
49	625	2			ICB	CD	0.0007	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
50	625	2			ICB	CE	0.0021	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
51	625	2			ICB	CO	0.0003	1.0000	03/10/95	12:25	dks	0.02	@ICP-QC
52	625	2			ICB	CR	-0.0012	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
53	625	2			ICB	CU	0.0005	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
54	625	2			ICB	EU	0.0007	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
55	625	2			ICB	FE	0.0010	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
56	625	2			ICB	K	-0.0882	1.0000	03/10/95	12:25	dks	0.3	@ICP-QC
57	625	2			ICB	LA	-0.0004	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
58	625	2			ICB	LI	0.0007	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
59	625	2			ICB	MG	-0.0075	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
60	625	2			ICB	MN	0.0005	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
61	625	2			ICB	MO	0.0055	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
62	625	2			ICB	NA	0.0081	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
63	625	2			ICB	ND	-0.0031	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
64	625	2			ICB	NI	-0.0022	1.0000	03/10/95	12:25	dks	0.02	@ICP-QC
65	625	2			ICB	P	0.0564	1.0000	03/10/95	12:25	dks	0.2	@ICP-QC
66	625	2			ICB	PB	0.0142	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
67	625	2			ICB	S	0.0185	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
68	625	2			ICB	SB	0.0035	1.0000	03/10/95	12:25	dks	0.2	@ICP-QC
69	625	2			ICB	SE	0.0266	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
70	625	2			ICB	SI	0.0077	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
71	625	2			ICB	SM	0.0109	1.0000	03/10/95	12:25	dks	0.1	@ICP-QC
72	625	2			ICB	SR	0.0005	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
73	625	2			ICB	TH	0.0001	1.0000	03/10/95	12:25	dks	0	@ICP-QC
74	625	2			ICB	TI	-0.0002	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
75	625	2			ICB	TL	0.0211	1.0000	03/10/95	12:25	dks	0.2	@ICP-QC
76	625	2			ICB	U	0.0341	1.0000	03/10/95	12:25	dks	0.4	@ICP-QC
77	625	2			ICB	V	0.0023	1.0000	03/10/95	12:25	dks	0.05	@ICP-QC
78	625	2			ICB	Y	0.0005	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
79	625	2			ICB	ZN	-0.0017	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
80	625	2			ICB	ZR	0.0014	1.0000	03/10/95	12:25	dks	0.01	@ICP-QC
81	625	3			ICSA	AG	-0.0011	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
82	625	3			ICSA	AL	247.2077	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
83	625	3			ICSA	AS	0.0137	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
84	625	3			ICSA	B	0.0052	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
85	625	3			ICSA	BA	-0.0001	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
86	625	3			ICSA	BE	0.0004	1.0000	03/10/95	12:29	dks	0.005	@ICP-QC
87	625	3			ICSA	BI	0.0632	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
88	625	3			ICSA	CA	253.9836	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
89	625	3			ICSA	CD	0.0032	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
90	625	3			ICSA	CE	0.0076	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
91	625	3			ICSA	CO	0.0013	1.0000	03/10/95	12:29	dks	0.02	@ICP-QC
92	625	3			ICSA	CR	-0.0034	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
93	625	3			ICSA	CU	-0.0084	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
94	625	3			ICSA	EU	-0.0464	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
95	625	3			ICSA	FE	93.9567	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
96	625	3			ICSA	K	-0.0203	1.0000	03/10/95	12:29	dks	0.3	@ICP-QC
97	625	3			ICSA	LA	-0.0024	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
98	625	3			ICSA	LI	0.0033	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
99	625	3			ICSA	MG	252.1455	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
100	625	3			ICSA	MN	-0.0037	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
101	625	3			ICSA	MO	-0.0137	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M
102	625	3			ICSA	NA	191.5847	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
103	625	3			ICSA	ND	-0.0007	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
104	625	3			ICSA	NI	-0.0272	1.0000	03/10/95	12:29	dks	0.02	@ICP-QC
105	625	3			ICSA	P	-0.0116	1.0000	03/10/95	12:29	dks	0.2	@ICP-QC
106	625	3			ICSA	PB	-0.0645	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
7	625	3			ICSA	S	-0.0273	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
8	625	3			ICSA	SB	-0.0378	1.0000	03/10/95	12:29	dks	0.2	@ICP-QC
9	625	3			ICSA	SE	0.1547	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
110	625	3			ICSA	SI	0.0604	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
111	625	3			ICSA	SM	0.0060	1.0000	03/10/95	12:29	dks	0.1	@ICP-QC
112	625	3			ICSA	SR	0.0011	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
113	625	3			ICSA	TH	-0.0241	1.0000	03/10/95	12:29	dks	0	@ICP-QC
114	625	3			ICSA	TI	0.0003	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
115	625	3			ICSA	TL	0.1364	1.0000	03/10/95	12:29	dks	0.2	@ICP-QC
116	625	3			ICSA	U	-0.0310	1.0000	03/10/95	12:29	dks	0.4	@ICP-QC
117	625	3			ICSA	V	0.0043	1.0000	03/10/95	12:29	dks	0.05	@ICP-QC
118	625	3			ICSA	Y	0.0073	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
119	625	3			ICSA	ZN	-0.0143	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
120	625	3			ICSA	ZR	-0.0004	1.0000	03/10/95	12:29	dks	0.01	@ICP-QC
121	625	4			ICSAB	AG	1.0143	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
122	625	4			ICSAB	AL	246.8418	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
123	625	4			ICSAB	AS	-0.0093	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
124	625	4			ICSAB	B	-0.0001	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
125	625	4			ICSAB	BA	0.4817	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
126	625	4			ICSAB	BE	0.5065	1.0000	03/10/95	12:32	dks	0.005	@ICP-QC
127	625	4			ICSAB	BI	0.0793	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
128	625	4			ICSAB	CA	264.3337	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
129	625	4			ICSAB	CD	0.9797	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
130	625	4			ICSAB	CE	0.0052	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
131	625	4			ICSAB	CO	0.4833	1.0000	03/10/95	12:32	dks	0.02	@ICP-QC
132	625	4			ICSAB	CR	0.4800	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
133	625	4			ICSAB	CU	0.4841	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
134	625	4			ICSAB	EU	-0.0541	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
135	625	4			ICSAB	FE	93.8632	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
136	625	4			ICSAB	K	-0.0354	1.0000	03/10/95	12:32	dks	0.3	@ICP-QC
137	625	4			ICSAB	LA	-0.0022	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
138	625	4			ICSAB	LI	0.9453	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
139	625	4			ICSAB	MG	243.9865	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
140	625	4			ICSAB	MN	0.4708	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
141	625	4			ICSAB	MO	-0.0131	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
142	625	4			ICSAB	NA	192.4784	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
143	625	4			ICSAB	ND	-0.0027	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
144	625	4			ICSAB	NI	0.9110	1.0000	03/10/95	12:32	dks	0.02	@ICP-QC
145	625	4			ICSAB	P	-0.0077	1.0000	03/10/95	12:32	dks	0.2	@ICP-QC
146	625	4			ICSAB	PB	0.8934	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
147	625	4			ICSAB	S	-0.0047	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
148	625	4			ICSAB	SB	-0.0027	1.0000	03/10/95	12:32	dks	0.2	@ICP-QC
149	625	4			ICSAB	SE	0.1479	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
0	625	4			ICSAB	SI	0.1985	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
1	625	4			ICSAB	SM	0.0022	1.0000	03/10/95	12:32	dks	0.1	@ICP-QC
152	625	4			ICSAB	SR	0.0016	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
153	625	4			ICSAB	TH	-0.0180	1.0000	03/10/95	12:32	dks	0	@ICP-QC
154	625	4			ICSAB	TI	0.0035	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
155	625	4			ICSAB	TL	0.1888	1.0000	03/10/95	12:32	dks	0.2	@ICP-QC
156	625	4			ICSAB	U	-0.0749	1.0000	03/10/95	12:32	dks	0.4	@ICP-QC
157	625	4			ICSAB	V	0.4866	1.0000	03/10/95	12:32	dks	0.05	@ICP-QC
158	625	4			ICSAB	Y	0.0072	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
159	625	4			ICSAB	ZN	0.9821	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
160	625	4			ICSAB	ZR	-0.0000	1.0000	03/10/95	12:32	dks	0.01	@ICP-QC
161	625	5			PREPBL	AG-01	0.0006	1.0000	03/10/95	12:37	dks	0.01	
162	625	5			PREPBL	AL-01	0.2047	1.0000	03/10/95	12:37	dks	0.05	
163	625	5			PREPBL	AS-01	0.0008	1.0000	03/10/95	12:37	dks	0.05	
164	625	5			PREPBL	B-01	-0.0037	1.0000	03/10/95	12:37	dks	0.05	
165	625	5			PREPBL	BA-01	0.0188	1.0000	03/10/95	12:37	dks	0.05	
166	625	5			PREPBL	BE-01	0.0004	1.0000	03/10/95	12:37	dks	0.005	
167	625	5			PREPBL	BI-01	-6.3100	1.0000	03/10/95	12:37	dks	0.1	
168	625	5			PREPBL	CA-01	0.3174	1.0000	03/10/95	12:37	dks	0.1	
169	625	5			PREPBL	CD-01	0.0007	1.0000	03/10/95	12:37	dks	0.01	
170	625	5			PREPBL	CE-01	0.0012	1.0000	03/10/95	12:37	dks	0.1	
171	625	5			PREPBL	CO-01	0.0095	1.0000	03/10/95	12:37	dks	0.02	
172	625	5			PREPBL	CR-01	0.0286	1.0000	03/10/95	12:37	dks	0.01	
173	625	5			PREPBL	CU-01	0.0189	1.0000	03/10/95	12:37	dks	0.01	
174	625	5			PREPBL	EU-01	0.0050	1.0000	03/10/95	12:37	dks	0.05	
175	625	5			PREPBL	FE-01	0.2228	1.0000	03/10/95	12:37	dks	0.05	
176	625	5			PREPBL	K-01	8864.5576	1.0000	03/10/95	12:37	dks	0.3	
177	625	5			PREPBL	LA-01	-0.0025	1.0000	03/10/95	12:37	dks	0.05	
178	625	5			PREPBL	LI-01	0.0024	1.0000	03/10/95	12:37	dks	0.01	
179	625	5			PREPBL	MG-01	0.0661	1.0000	03/10/95	12:37	dks	0.1	
180	625	5			PREPBL	MN-01	0.0427	1.0000	03/10/95	12:37	dks	0.01	
181	625	5			PREPBL	MO-01	0.0012	1.0000	03/10/95	12:37	dks	0.05	
182	625	5			PREPBL	NA-01	3.3340	1.0000	03/10/95	12:37	dks	0.1	
183	625	5			PREPBL	ND-01	-0.0047	1.0000	03/10/95	12:37	dks	0.1	
184	625	5			PREPBL	NI-01	3.4585	1.0000	03/10/95	12:37	dks	0.02	
185	625	5			PREPBL	P-01	0.0786	1.0000	03/10/95	12:37	dks	0.2	
186	625	5			PREPBL	PB-01	0.0988	1.0000	03/10/95	12:37	dks	0.1	
187	625	5			PREPBL	S-01	0.0365	1.0000	03/10/95	12:37	dks	0.05	
188	625	5			PREPBL	SB-01	-0.0059	1.0000	03/10/95	12:37	dks	0.2	
189	625	5			PREPBL	SE-01	-1.7994	1.0000	03/10/95	12:37	dks	0.1	
190	625	5			PREPBL	SI-01	0.3686	1.0000	03/10/95	12:37	dks	0.05	
191	625	5			PREPBL	SM-01	0.0316	1.0000	03/10/95	12:37	dks	0.1	
192	625	5			PREPBL	SR-01	0.0029	1.0000	03/10/95	12:37	dks	0.01	
3	625	5			PREPBL	TH-01	0.1490	1.0000	03/10/95	12:37	dks	0	
4	625	5			PREPBL	TI-01	0.0030	1.0000	03/10/95	12:37	dks	0.01	
195	625	5			PREPBL	TL-01	0.0497	1.0000	03/10/95	12:37	dks	0.2	
196	625	5			PREPBL	U-01	-2.3617	1.0000	03/10/95	12:37	dks	0.4	
197	625	5			PREPBL	V-01	0.0133	1.0000	03/10/95	12:37	dks	0.05	
198	625	5			PREPBL	Y-01	0.0012	1.0000	03/10/95	12:37	dks	0.01	
199	625	5			PREPBL	ZN-01	0.0217	1.0000	03/10/95	12:37	dks	0.01	
200	625	5			PREPBL	ZR-01	0.0000	1.0000	03/10/95	12:37	dks	0.01	
201	625	6	S95T000094			AL-F-01	191699.4375	34314.0000	03/10/95	12:49	dks	0.05	@ICP-F0
202	625	6	S95T000094			CA-F-01	3431.4000	34314.0000	03/10/95	12:49	dks	0.1	@ICP-F0

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M
203	625	6	S95T000094			CR-F-01	864.1592	34314.0000	03/10/95	12:49	dks	0.01	@ICP-F0
204	625	6	S95T000094			FE-F-01	14110.6699	34314.0000	03/10/95	12:49	dks	0.05	@ICP-F0
205	625	6	S95T000094			K-F-01	17869476.0000	34314.0000	03/10/95	12:49	dks	0.3	@ICP-F0
206	625	6	S95T000094			NA-F-01	28010.7793	34314.0000	03/10/95	12:49	dks	0.1	@ICP-F0
207	625	6	S95T000094			NI-F-01	28806.8672	34314.0000	03/10/95	12:49	dks	0.02	@ICP-F0
208	625	6	S95T000094			ZN-F-01	628.7729	34314.0000	03/10/95	12:49	dks	0.01	@ICP-F0
209	625	6	S95T000094			ZR-F-01	10261.8965	34314.0000	03/10/95	12:49	dks	0.01	@ICP-F0
210	625	7	S95T000094		DUP	AL-F-01	193503.1094	34314.0000	03/10/95	12:55	dks	0.05	@ICP-F0
211	625	7	S95T000094		DUP	CA-F-01	<3431.4000	34314.0000	03/10/95	12:55	dks	0.1	@ICP-F0
212	625	7	S95T000094		DUP	CR-F-01	957.1920	34314.0000	03/10/95	12:55	dks	0.01	@ICP-F0
213	625	7	S95T000094		DUP	FE-F-01	14400.9727	34314.0000	03/10/95	12:55	dks	0.05	@ICP-F0
214	625	7	S95T000094		DUP	K-F-01	17968852.0000	34314.0000	03/10/95	12:55	dks	0.3	@ICP-F0
215	625	7	S95T000094		DUP	NA-F-01	25888.0195	34314.0000	03/10/95	12:55	dks	0.1	@ICP-F0
216	625	7	S95T000094		DUP	NI-F-01	29387.5059	34314.0000	03/10/95	12:55	dks	0.02	@ICP-F0
217	625	7	S95T000094		DUP	ZN-F-01	626.1847	34314.0000	03/10/95	12:55	dks	0.01	@ICP-F0
218	625	7	S95T000094		DUP	ZR-F-01	10380.7734	34314.0000	03/10/95	12:55	dks	0.01	@ICP-F0
219	625	8			CCV	AG	4.9855	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
220	625	8			CCV	AL	4.9980	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
221	625	8			CCV	AS	5.1352	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
222	625	8			CCV	B	5.0210	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
223	625	8			CCV	BA	5.1299	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
224	625	8			CCV	BE	5.3138	1.0000	03/10/95	13:02	dks	0.005	@ICP-QC
225	625	8			CCV	BI	4.9971	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
226	625	8			CCV	CA	5.0749	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
227	625	8			CCV	CD	5.1286	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
228	625	8			CCV	CE	5.1806	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
229	625	8			CCV	CO	5.1497	1.0000	03/10/95	13:02	dks	0.02	@ICP-QC
230	625	8			CCV	CR	5.1916	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
231	625	8			CCV	CU	5.1845	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
232	625	8			CCV	EU	0.0035	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
233	625	8			CCV	FE	5.1060	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
234	625	8			CCV	K	4.8566	1.0000	03/10/95	13:02	dks	0.3	@ICP-QC
235	625	8			CCV	LA	5.0993	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
236	625	8			CCV	LI	4.9741	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
237	625	8			CCV	MG	4.9303	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
238	625	8			CCV	MN	5.0554	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
239	625	8			CCV	MO	5.1047	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
240	625	8			CCV	NA	4.9679	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
241	625	8			CCV	ND	5.1386	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
242	625	8			CCV	NI	5.0161	1.0000	03/10/95	13:02	dks	0.02	@ICP-QC
243	625	8			CCV	P	5.1347	1.0000	03/10/95	13:02	dks	0.2	@ICP-QC
244	625	8			CCV	PB	4.9328	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
245	625	8			CCV	S	5.1540	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
246	625	8			CCV	SB	4.8831	1.0000	03/10/95	13:02	dks	0.2	@ICP-QC
247	625	8			CCV	SE	5.0562	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
248	625	8			CCV	SI	5.1103	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
249	625	8			CCV	SM	5.0406	1.0000	03/10/95	13:02	dks	0.1	@ICP-QC
250	625	8			CCV	SR	5.0702	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
251	625	8			CCV	TH	-0.0686	1.0000	03/10/95	13:02	dks	0	@ICP-QC
252	625	8			CCV	TI	4.9853	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
253	625	8			CCV	TL	4.9601	1.0000	03/10/95	13:02	dks	0.2	@ICP-QC
254	625	8			CCV	U	9.7313	1.0000	03/10/95	13:02	dks	0.4	@ICP-QC
255	625	8			CCV	V	5.1091	1.0000	03/10/95	13:02	dks	0.05	@ICP-QC
256	625	8			CCV	Y	0.0105	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
257	625	8			CCV	ZN	5.1915	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
258	625	8			CCV	ZR	5.0253	1.0000	03/10/95	13:02	dks	0.01	@ICP-QC
259	625	9			CCB	AG	0.0032	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
260	625	9			CCB	AL	0.0039	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
261	625	9			CCB	AS	0.0166	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
262	625	9			CCB	B	0.0022	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
263	625	9			CCB	BA	-0.0001	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
264	625	9			CCB	BE	0.0004	1.0000	03/10/95	13:06	dks	0.005	@ICP-QC
265	625	9			CCB	BI	0.0171	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
266	625	9			CCB	CA	0.0034	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
267	625	9			CCB	CD	0.0011	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
268	625	9			CCB	CE	-0.0003	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
269	625	9			CCB	CO	0.0000	1.0000	03/10/95	13:06	dks	0.02	@ICP-QC
270	625	9			CCB	CR	0.0001	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
271	625	9			CCB	CU	-0.0007	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
272	625	9			CCB	EU	0.0001	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
273	625	9			CCB	FE	0.0001	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
274	625	9			CCB	K	-0.1967	1.0000	03/10/95	13:06	dks	0.3	@ICP-QC
275	625	9			CCB	LA	-0.0009	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
276	625	9			CCB	LI	0.0002	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
277	625	9			CCB	MG	-0.0045	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
278	625	9			CCB	MN	0.0002	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
279	625	9			CCB	MO	0.0027	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
280	625	9			CCB	NA	0.0030	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
281	625	9			CCB	ND	-0.0027	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
282	625	9			CCB	NI	-0.0071	1.0000	03/10/95	13:06	dks	0.02	@ICP-QC
283	625	9			CCB	P	0.0615	1.0000	03/10/95	13:06	dks	0.2	@ICP-QC
284	625	9			CCB	PB	0.0054	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
285	625	9			CCB	S	0.0086	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
286	625	9			CCB	SB	-0.0133	1.0000	03/10/95	13:06	dks	0.2	@ICP-QC
287	625	9			CCB	SE	0.0084	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
288	625	9			CCB	SI	0.0039	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
289	625	9			CCB	SM	0.0026	1.0000	03/10/95	13:06	dks	0.1	@ICP-QC
290	625	9			CCB	SR	0.0001	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
291	625	9			CCB	TH	0.0006	1.0000	03/10/95	13:06	dks	0	@ICP-QC
292	625	9			CCB	TI	-0.0002	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
293	625	9			CCB	TL	0.0423	1.0000	03/10/95	13:06	dks	0.2	@ICP-QC
294	625	9			CCB	U	0.0027	1.0000	03/10/95	13:06	dks	0.4	@ICP-QC
295	625	9			CCB	V	0.0000	1.0000	03/10/95	13:06	dks	0.05	@ICP-QC
296	625	9			CCB	Y	0.0000	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
297	625	9			CCB	ZN	0.0000	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
298	625	9			CCB	ZR	-0.0008	1.0000	03/10/95	13:06	dks	0.01	@ICP-QC
299	625	10	S95T000095			AL-F-01	192914.3281	41667.0000	03/10/95	13:17	dks	0.05	@ICP-F0
300	625	10	S95T000095			CA-F-01	4166.7000	41667.0000	03/10/95	13:17	dks	0.1	@ICP-F0
301	625	10	S95T000095			CR-F-01	1020.7504	41667.0000	03/10/95	13:17	dks	0.01	@ICP-F0
302	625	10	S95T000095			FE-F-01	17130.6680	41667.0000	03/10/95	13:17	dks	0.05	@ICP-F0
303	625	10	S95T000095			K-F-01	21001280.0000	41667.0000	03/10/95	13:17	dks	0.3	@ICP-F0

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M
304	625	10	S95T000095			NA-F-01	26851.7520	41667.0000	03/10/95	13:17	dks	0.1	@ICP-F0
305	625	10	S95T000095			NI-F-01	36155.5039	41667.0000	03/10/95	13:17	dks	0.02	@ICP-F0
306	625	10	S95T000095			ZN-F-01	1038.6329	41667.0000	03/10/95	13:17	dks	0.01	@ICP-F0
307	625	10	S95T000095			ZR-F-01	12481.2686	41667.0000	03/10/95	13:17	dks	0.01	@ICP-F0
308	625	11	S95T000095		DUP	AL-F-01	193791.1719	41667.0000	03/10/95	13:22	dks	0.05	@ICP-F0
09	625	11	S95T000095		DUP	CA-F-01	<4166.7000	41667.0000	03/10/95	13:22	dks	0.1	@ICP-F0
0	625	11	S95T000095		DUP	CR-F-01	1029.6655	41667.0000	03/10/95	13:22	dks	0.01	@ICP-F0
1	625	11	S95T000095		DUP	FE-F-01	17234.1543	41667.0000	03/10/95	13:22	dks	0.05	@ICP-F0
312	625	11	S95T000095		DUP	K-F-01	21045088.0000	41667.0000	03/10/95	13:22	dks	0.3	@ICP-F0
313	625	11	S95T000095		DUP	NA-F-01	26757.7754	41667.0000	03/10/95	13:22	dks	0.1	@ICP-F0
314	625	11	S95T000095		DUP	NI-F-01	35933.5039	41667.0000	03/10/95	13:22	dks	0.02	@ICP-F0
315	625	11	S95T000095		DUP	ZN-F-01	998.8177	41667.0000	03/10/95	13:22	dks	0.01	@ICP-F0
316	625	11	S95T000095		DUP	ZR-F-01	12526.3027	41667.0000	03/10/95	13:22	dks	0.01	@ICP-F0
317	625	12			ICSA	AG	-0.0011	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
318	625	12			ICSA	AL	251.2209	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
319	625	12			ICSA	AS	-0.0265	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
320	625	12			ICSA	B	-0.0049	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
321	625	12			ICSA	BA	-0.0000	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
322	625	12			ICSA	BE	0.0005	1.0000	03/10/95	13:35	dks	0.005	@ICP-QC
323	625	12			ICSA	BI	0.0890	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
324	625	12			ICSA	CA	257.8406	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
325	625	12			ICSA	CD	0.0046	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
326	625	12			ICSA	CE	0.0102	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
327	625	12			ICSA	CO	0.0032	1.0000	03/10/95	13:35	dks	0.02	@ICP-QC
328	625	12			ICSA	CR	-0.0035	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
329	625	12			ICSA	CU	-0.0079	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
330	625	12			ICSA	EU	-0.0518	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
331	625	12			ICSA	FE	94.9853	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
332	625	12			ICSA	K	-0.0081	1.0000	03/10/95	13:35	dks	0.3	@ICP-QC
333	625	12			ICSA	LA	-0.0022	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
334	625	12			ICSA	LI	0.0031	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
335	625	12			ICSA	MG	256.0989	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
336	625	12			ICSA	MN	-0.0039	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
337	625	12			ICSA	MO	-0.0124	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
338	625	12			ICSA	NA	195.7429	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
339	625	12			ICSA	ND	-0.0016	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
340	625	12			ICSA	NI	-0.0369	1.0000	03/10/95	13:35	dks	0.02	@ICP-QC
341	625	12			ICSA	P	-0.0005	1.0000	03/10/95	13:35	dks	0.2	@ICP-QC
342	625	12			ICSA	PB	-0.0572	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
343	625	12			ICSA	S	-0.0359	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
344	625	12			ICSA	SB	-0.0262	1.0000	03/10/95	13:35	dks	0.2	@ICP-QC
345	625	12			ICSA	SE	0.1512	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
346	625	12			ICSA	SI	0.0611	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
347	625	12			ICSA	SM	0.0026	1.0000	03/10/95	13:35	dks	0.1	@ICP-QC
348	625	12			ICSA	SR	0.0011	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
349	625	12			ICSA	TH	-0.0219	1.0000	03/10/95	13:35	dks	0	@ICP-QC
350	625	12			ICSA	TI	0.0005	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
351	625	12			ICSA	TL	0.1604	1.0000	03/10/95	13:35	dks	0.2	@ICP-QC
2	625	12			ICSA	U	-0.0550	1.0000	03/10/95	13:35	dks	0.4	@ICP-QC
3	625	12			ICSA	V	0.0038	1.0000	03/10/95	13:35	dks	0.05	@ICP-QC
354	625	12			ICSA	Y	0.0071	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
355	625	12			ICSA	ZN	-0.0132	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
356	625	12			ICSA	ZR	-0.0006	1.0000	03/10/95	13:35	dks	0.01	@ICP-QC
357	625	13			ICSAB	AG	1.0268	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
358	625	13			ICSAB	AL	252.1212	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
359	625	13			ICSAB	AS	0.0308	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
360	625	13			ICSAB	B	0.0027	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
361	625	13			ICSAB	BA	0.4906	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
362	625	13			ICSAB	BE	0.5177	1.0000	03/10/95	13:39	dks	0.005	@ICP-QC
363	625	13			ICSAB	BI	0.0740	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
364	625	13			ICSAB	CA	269.4000	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
365	625	13			ICSAB	CD	0.9955	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
366	625	13			ICSAB	CE	0.0079	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
367	625	13			ICSAB	CO	0.4884	1.0000	03/10/95	13:39	dks	0.02	@ICP-QC
368	625	13			ICSAB	CR	0.4881	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
369	625	13			ICSAB	CU	0.4976	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
370	625	13			ICSAB	EU	-0.0575	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
371	625	13			ICSAB	FE	95.5292	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
372	625	13			ICSAB	K	-0.0064	1.0000	03/10/95	13:39	dks	0.3	@ICP-QC
373	625	13			ICSAB	LA	-0.0029	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
374	625	13			ICSAB	LI	0.9715	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
375	625	13			ICSAB	MG	249.0779	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
376	625	13			ICSAB	MN	0.4777	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
377	625	13			ICSAB	MO	-0.0160	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
378	625	13			ICSAB	NA	197.4928	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
379	625	13			ICSAB	ND	-0.0008	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
380	625	13			ICSAB	NI	0.9717	1.0000	03/10/95	13:39	dks	0.02	@ICP-QC
381	625	13			ICSAB	P	-0.0077	1.0000	03/10/95	13:39	dks	0.2	@ICP-QC
382	625	13			ICSAB	PB	0.8878	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
383	625	13			ICSAB	S	-0.0060	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
384	625	13			ICSAB	SB	-0.0091	1.0000	03/10/95	13:39	dks	0.2	@ICP-QC
385	625	13			ICSAB	SE	0.1461	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
386	625	13			ICSAB	SI	0.2056	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
387	625	13			ICSAB	SM	-0.0001	1.0000	03/10/95	13:39	dks	0.1	@ICP-QC
388	625	13			ICSAB	SR	0.0016	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
389	625	13			ICSAB	TH	-0.0233	1.0000	03/10/95	13:39	dks	0	@ICP-QC
390	625	13			ICSAB	TI	0.0035	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
391	625	13			ICSAB	TL	0.1919	1.0000	03/10/95	13:39	dks	0.2	@ICP-QC
392	625	13			ICSAB	U	-0.1019	1.0000	03/10/95	13:39	dks	0.4	@ICP-QC
393	625	13			ICSAB	V	0.4934	1.0000	03/10/95	13:39	dks	0.05	@ICP-QC
394	625	13			ICSAB	Y	0.0072	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
5	625	13			ICSAB	ZN	0.9926	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
6	625	13			ICSAB	ZR	-0.0008	1.0000	03/10/95	13:39	dks	0.01	@ICP-QC
397	625	14			CCV	AG	4.9784	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
398	625	14			CCV	AL	4.9814	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
399	625	14			CCV	AS	5.1330	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
400	625	14			CCV	B	4.9822	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
401	625	14			CCV	BA	5.1186	1.0000	03/10/95	13:48	dks	0.005	@ICP-QC
402	625	14			CCV	BE	5.3214	1.0000	03/10/95	13:48	dks	0.005	@ICP-QC
403	625	14			CCV	BI	5.0270	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC
404	625	14			CCV	CA	5.1580	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC

WHC-SD-WM-DP-[illegible], REV.

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M
405	625	14			CCV	CD	5.1679	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
406	625	14			CCV	CE	5.1935	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC
407	625	14			CCV	CO	5.1920	1.0000	03/10/95	13:48	dks	0.02	@ICP-QC
408	625	14			CCV	CR	5.2347	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
409	625	14			CCV	CU	5.1630	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
410	625	14			CCV	EU	0.0041	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
411	625	14			CCV	FE	5.1184	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
412	625	14			CCV	K	4.9469	1.0000	03/10/95	13:48	dks	0.3	@ICP-QC
413	625	14			CCV	LA	5.0994	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
414	625	14			CCV	LI	4.8897	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
415	625	14			CCV	MG	4.9197	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC
416	625	14			CCV	MN	5.0857	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
417	625	14			CCV	MO	5.1284	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
418	625	14			CCV	NA	4.8998	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC
419	625	14			CCV	ND	5.1286	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC
420	625	14			CCV	NI	5.0797	1.0000	03/10/95	13:48	dks	0.02	@ICP-QC
421	625	14			CCV	P	5.1556	1.0000	03/10/95	13:48	dks	0.2	@ICP-QC
422	625	14			CCV	PB	4.9743	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC
423	625	14			CCV	S	5.1682	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
424	625	14			CCV	SB	4.9011	1.0000	03/10/95	13:48	dks	0.2	@ICP-QC
425	625	14			CCV	SE	5.0614	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC
426	625	14			CCV	SI	5.1141	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
427	625	14			CCV	SM	5.0233	1.0000	03/10/95	13:48	dks	0.1	@ICP-QC
428	625	14			CCV	SR	5.0641	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
429	625	14			CCV	TH	-0.0668	1.0000	03/10/95	13:48	dks	0	@ICP-QC
430	625	14			CCV	TI	5.0084	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
431	625	14			CCV	TL	5.0316	1.0000	03/10/95	13:48	dks	0.2	@ICP-QC
432	625	14			CCV	U	9.7289	1.0000	03/10/95	13:48	dks	0.4	@ICP-QC
433	625	14			CCV	V	5.1317	1.0000	03/10/95	13:48	dks	0.05	@ICP-QC
434	625	14			CCV	Y	0.0108	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
435	625	14			CCV	ZN	5.2033	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
436	625	14			CCV	ZR	5.0405	1.0000	03/10/95	13:48	dks	0.01	@ICP-QC
437	625	15			CCB	AG	0.0015	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
438	625	15			CCB	AL	0.0033	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
439	625	15			CCB	AS	-0.0049	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
440	625	15			CCB	B	0.0039	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
441	625	15			CCB	BA	-0.0001	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
442	625	15			CCB	BE	0.0003	1.0000	03/10/95	13:51	dks	0.005	@ICP-QC
443	625	15			CCB	BI	0.0602	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
444	625	15			CCB	CA	0.0079	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
445	625	15			CCB	CD	0.0013	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
446	625	15			CCB	CE	-0.0041	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
447	625	15			CCB	CO	-0.0003	1.0000	03/10/95	13:51	dks	0.02	@ICP-QC
448	625	15			CCB	CR	-0.0009	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
449	625	15			CCB	CU	0.0002	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
450	625	15			CCB	EU	0.0004	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
451	625	15			CCB	FE	0.0020	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
452	625	15			CCB	K	-0.0202	1.0000	03/10/95	13:51	dks	0.3	@ICP-QC
453	625	15			CCB	LA	-0.0008	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
454	625	15			CCB	LI	0.0005	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
455	625	15			CCB	MG	-0.0071	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
456	625	15			CCB	MN	0.0004	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
457	625	15			CCB	MO	0.0009	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
458	625	15			CCB	NA	0.0052	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
459	625	15			CCB	ND	-0.0035	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
460	625	15			CCB	NI	-0.0079	1.0000	03/10/95	13:51	dks	0.02	@ICP-QC
461	625	15			CCB	P	0.0612	1.0000	03/10/95	13:51	dks	0.2	@ICP-QC
462	625	15			CCB	PB	-0.0031	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
463	625	15			CCB	S	0.0063	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
464	625	15			CCB	SB	-0.0070	1.0000	03/10/95	13:51	dks	0.2	@ICP-QC
465	625	15			CCB	SE	0.0133	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
466	625	15			CCB	SI	0.0061	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
467	625	15			CCB	SM	0.0062	1.0000	03/10/95	13:51	dks	0.1	@ICP-QC
468	625	15			CCB	SR	0.0003	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
469	625	15			CCB	TH	0.0011	1.0000	03/10/95	13:51	dks	0	@ICP-QC
470	625	15			CCB	TI	-0.0002	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
471	625	15			CCB	TL	0.0290	1.0000	03/10/95	13:51	dks	0.2	@ICP-QC
472	625	15			CCB	U	0.0175	1.0000	03/10/95	13:51	dks	0.4	@ICP-QC
473	625	15			CCB	V	0.0015	1.0000	03/10/95	13:51	dks	0.05	@ICP-QC
474	625	15			CCB	Y	0.0004	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
475	625	15			CCB	ZN	-0.0023	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC
476	625	15			CCB	ZR	0.0013	1.0000	03/10/95	13:51	dks	0.01	@ICP-QC

WHG-SD-WM-DP-, REV. 1

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LABCORE Data Entry Template for Worklist# 700

3-10-95

Analyst: JK Sato **Instrument:** ICP03 **Book#** 38648a

Method: LA-505-~~151~~ 161 Rev/Mod A-1

Worklist Comment: ICP Fusion C-103 Li only

WHC-SD-WM-DP-~~001~~ 099 ~~080~~, REV. 1

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPBLKTJA				@ICP-F03	SOLID		
6	SAMPLE	S95T000055	0	F	@ICP-F03	SOLID	94000012	C-103
	Analytes Requested: LI-F-01							
7	DUP	S95T000055	0	F	@ICP-F03	SOLID		
8	SPK	S95T000055	0	F	@ICP-F03	SOLID		
9	CCV				@ICP-QC	QC		
10	CCB				@ICP-QC	QC		
11	SAMPLE	S95T000056	0	F	@ICP-F03	SOLID	94000012	C-103
	Analytes Requested: LI-F-01							
12	DUP	S95T000056	0	F	@ICP-F03	SOLID		
13	SPK	S95T000056	0	F	@ICP-F03	SOLID		
14	ICSA				@ICP-QC	QC		
15	ICSAB				@ICP-QC	QC		
16	CCV				@ICP-QC	QC		
17	CCB				@ICP-QC	QC		

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 700

S Type	Sample#	R	A	Test	Matrix	Group#	Project

Final page for worklist # 700

JK 03-14-15

Analyst Signature Date

Analyst Signature Date

099 9/25/95

WHC-SD-WM-DP- 080 REV. 1

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

File: 950316a

A-0004-0

LABCORE Data Entry Template for Worklist# 700

3-16-95

Analyst: JK Sato **Instrument:** ICP02 **Method:** LA-505-151 **Book#** 38848a

Worklist Comment: ICP Fusion C-103 Li only WHC-SD-WM-DP-080, REV. 1 0999 3/23/95

Seq	Type	Sample#	R	A	Test	Matrix	Analytes Requested
1	ICV				@ICP-QC	QC	
2	ICB				@ICP-QC	QC	
3	ICSA				@ICP-QC	QC	
4	ICSAB				@ICP-QC	QC	
5	PREPBLKARL				@ICP-F03	SOLID	
6	SAMPLE	S95T000055	0	F	@ICP-F03	SOLID	LI-F-01
7	DUP	S95T000055	0	F	@ICP-F03	SOLID	
8	SPK	S95T000055	0	F	@ICP-F03	SOLID	
9	CCV				@ICP-QC	QC	
10	CCB				@ICP-QC	QC	
11	SAMPLE	S95T000056	0	F	@ICP-F03	SOLID	LI-F-01
12	DUP	S95T000056	0	F	@ICP-F03	SOLID	
13	SPK	S95T000056	0	F	@ICP-F03	SOLID	
14	ICSA				@ICP-QC	QC	
15	ICSAB				@ICP-QC	QC	
16	CCV				@ICP-QC	QC	
17	CCB				@ICP-QC	QC	

Final page for worklist # 700

JK Sato 03-16-95

Analyst Signature **Date** **Analyst Signature** **Date**

			D.F.	Li D.L.
S95T000055	0.1170g → 250	3-7	7122.507	71.2
S95T000055D	0.0512g → 250	3-7	9157.505	[illegible]
S95T000056	0.1010g → 250	3-7	8250.225	82.5
S95T000056D	0.0940g → 250	3-7	8845.24	[illegible]

Data Entry Comments:

Analysis Report Summary Thu 03-16-95 01:46:19 PM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950316A	ICP2	03/16/95	11:52	DKS	Q	CONC
2	ICB	950316A	ICP2	03/16/95	11:56	DKS	Q	CONC
3	ICSA	950316A	ICP2	03/16/95	11:59	DKS	Q	CONC
4	ICSAB	950316A	ICP2	03/16/95	12:03	DKS	Q	CONC
5	PREPBLKTJA	950316A	ICP2	03/16/95	12:14	DKS	S	CONC
6	S95T000055_L	950316A	ICP2	03/16/95	12:18	DKS	S	CONC
7	S95T000055	950316A	ICP2	03/16/95	12:23	DKS	S	CONC
8	S95T000055_D	950316A	ICP2	03/16/95	12:27	DKS	S	CONC
9	S95T000055_A	950316A	ICP2	03/16/95	12:33	DKS	S	CONC
10	CCV_1	950316A	ICP2	03/16/95	12:46	DKS	Q	CONC
11	CCB_1	950316A	ICP2	03/16/95	12:50	DKS	Q	CONC
12	S95T000056_L	950316A	ICP2	03/16/95	12:54	DKS	S	CONC
13	S95T000056	950316A	ICP2	03/16/95	12:59	DKS	S	CONC
14	S95T000056_D	950316A	ICP2	03/16/95	13:03	DKS	S	CONC
15	S95T0000_A	950316A	ICP2	03/16/95	13:08	DKS	S	CONC
16	ICSA	950316A	ICP2	03/16/95	13:20	DKS	Q	CONC
17	ICSAB	950316A	ICP2	03/16/95	13:24	DKS	Q	CONC
18	CCV_2	950316A	ICP2	03/16/95	13:31	DKS	Q	CONC
19	CCB_2	950316A	ICP2	03/16/95	13:35	DKS	Q	CONC

WHC-SD-WM-OP-~~080~~ 079, REV. 1 9/25/95

JK Lab
3-16-95
C-103 S95T000055
S95T000056

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 422 TO 425.

D.F. = 7122.5

Analysis Report Averages Thu 03-16-95 01:46:19 PM page 2

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.907	4.879	4.960	4.907	4.985	5.115
2	ICB	-.0004	.0045	-.0240	.0021	.0000	.0001
3	ICSA	-.0018	241.2	-.0464	-.0010	.0001	.0003
4	ICSAB	.9821	238.7	-.0345	.0083	.4648	.4838
5	PREPBLKTJA	-.0004	.1997	-.0098	.0845	.0118	-.0001
6	S95T000055_L	856.6	25720.	-18.06	-33.13	1180.	10.15
7	S95T000055_	924.1	25220	-152.9	39.45	1104.	8.100
8	S95T000055_D	814.6	28420.	-316.7	49.40	1549.	7.745
9	S95T000055_A	4744.	59800	34990.	33610.	33590.	33550.
10	CCV_1	4.903	4.907	4.935	4.964	5.035	5.146
11	CCB_1	-.0004	-.0003	-.0189	.0052	-.0001	.0002
12	S95T000056_L	650.1	16670.	-397.9	30.84	1600.	-3.647
13	S95T000056_	696.5	16880.	-300.1	68.95	1563.	-.9241
14	S95T000056_D	477.4	15950.	-188.2	55.46	1443.	.8539
15	S95T0000_A_	9327.	55880.	40820.	38470.	38920.	39240.
16	ICSA	.0037	242.5	-.0633	-.0007	-.0000	.0001
17	ICSAB	1.002	245.0	-.0186	.0030	.4826	.4984
18	CCV_2	4.893	4.879	4.927	4.943	5.018	5.140
19	CCB_2	-.0000	.0036	-.0070	.0026	.0000	.0002

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	4.869	4.896	5.018	5.107	5.109	5.084
2	ICB	.0086	-.0014	-.0004	.0013	.0017	.0010
3	ICSA	.0437	241.3	.0005	-.0015	.0027	-.0035
4	ICSAB	.0247	243.5	.9427	.0068	.4740	.4635
5	PREPBLKTJA	-6.359	.4647	-.0009	-.0008	.0009	.0029
6	S95T000055_L	-16750.	5878.	565.8	729.2	127.0	1199.
7	S95T000055_	-15450.	5394.	585.7	590.9	59.67	1136.
8	S95T000055_D	-20190.	4737.	691.9	872.7	95.51	1280.
9	S95T000055_A	19220.	39750.	35050.	33500.	34670.	35590.
10	CCV_1	4.815	4.915	4.996	5.105	5.081	5.066
11	CCB_1	.0181	-.0015	-.0003	-.0062	.0021	.0011
12	S95T000056_L	-19970.	2356.	422.4	1020.	77.59.	884.0
13	S95T000056_	-18280.	2148.	471.5	1012.	82.93	827.9
14	S95T000056_D	-19870.	2197.	462.8	1026.	93.13	884.2
15	S95T0000_A_	22290.	42390.	40790.	38790.	40440.	41050.
16	ICSA	.0399	247.1	.0000	.0008	.0011	-.0039
17	ICSAB	.0337	251.2	.9639	.0056	.4835	.4749
18	CCV_2	4.770	4.991	5.008	5.072	5.091	5.095
19	CCB_2	-.0073	.0053	-.0007	.0039	.0006	.0009

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.092	.0048	4.996	4.950	5.009	4.977
2	ICB	.0007	.0001	-.0009	.0724	.0007	.0000
3	ICSA	-.0076	-.0143	90.78	.0951	-.0030	.0022
4	ICSAB	.4777	-.0188	90.23	.2207	-.0019	.9726
5	PREPBLKTJA	.0158	.0057	.0542	8840.	-.0017	.0022
6	S95T000055_L	7119.	6.870	112600.	23e6	308.8	9.893
7	S95T000055_	6881.	24.14	107800.	22e6	270.7	17.81

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WHC-SD-WM-DP-~~080~~, REV. 1

#	Sample Name	Cu	Eu	Fe	K	La	Li
8	S95T000055_D	6486.	26.63	135400.	28e6	475.6	19.50
9	S95T000055_A	41800.	57.21	141200.	22e6	33020.	33790. 4,744
10	CCV_1	5.139	.0044	5.000	5.014	5.041	5.104
11	CCB_1	.0012	-.0006	-.0024	.0186	-.0009	-.0004
12	S95T000056_L	2189.	31.74	142900.	27e6	561.8	11.46
13	S95T000056_	2174.	32.36	141600.	26e6	539.0	16.04
14	S95T000056_D	2155.	32.90	139400.	28e6	508.4	16.42
15	S95T0000_A	41730.	73.96	178400.	25e6	38080.	38310
16	ICSA	-.0080	-.0233	91.72	.0600	-.0025	.0029
17	ICSAB	.4911	-.0222	92.75	.1440	-.0010	.9991
18	CCV_2	5.099	.0049	4.993	5.080	5.005	5.035
19	CCB_2	.0004	.0000	-.0006	-.0011	.0006	-.0002

#	Sample Name	Mg	Mn	Mo	Na.	Nd	Ni
1	ICV	4.817	4.945	5.065	4.964	5.069	4.977
2	ICB	.0056	-.0001	.0038	.0011	.0017	-.0025
3	ICSA	239.2	-.0041	-.0115	200.3	.0014	-.0182
4	ICSAB	235.7	.4525	-.0141	195.3	.0039	.9047
5	PREPBLKTJA	.0609	.0116	.0007	3.550	-.0006	1.680
6	S95T000055_L	930.5	3865.	15.93	48090.	891.1	60110.
7	S95T000055_	722.7	3771.	-17.77	46280.	810.1	57950.
8	S95T000055_D	864.0	4503.	-15.38	57930.	1198.	83220.
9	S95T000055_A	32560.	37590.	35120.	80540.	32760.	91680.
10	CCV_1	4.849	4.934	5.041	5.035	5.093	4.976
11	CCB_1	.0083	-.0001	.0031	-.0057	.0009	.0028
12	S95T000056_L	561.5	3642.	79.51	44600.	1347.	117100.
13	S95T000056_	655.1	3679.	-17.08	44070.	1256.	116400.
14	S95T000056_D	710.5	3472.	-33.13	44920.	1233.	89020.
15	S95T0000_A	37160.	43000.	40760.	81300.	37650.	154300.
16	ICSA	240.7	-.0040	-.0117	200.2	.0050	-.0271
17	ICSAB	241.7	.4642	-.0142	200.7	.0023	.9151
18	CCV_2	4.836	4.944	5.042	4.962	5.057	4.990
19	CCB_2	.0045	.0002	.0025	-.0007	.0018	-.0047

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.287	4.817	4.945	4.774	4.864	4.888
2	ICB	.0210	.0001	-.0049	.0150	-.0132	.0056
3	ICSA	-.0332	-.0826	-.0526	-.0044	.1018	.0523
4	ICSAB	-.0297	.8555	-.0478	.0095	.1142	.0831
5	PREPBLKTJA	.0833	.0628	.0099	.0052	-1.831	1.718
6	S95T000055_L	1725.	3535.	429.1	148.6	-4610.	17990.
7	S95T000055_	1334.	4189.	597.1	-55.80	-4472.	18390.
8	S95T000055_D	2400.	5198.	738.8	-70.02	-5845.	25920.
9	S95T000055_A	39160.	38670.	37320.	36890.	30300.	56280.
10	CCV_1	5.200	4.790	4.944	4.819	4.900	4.883
11	CCB_1	.0072	-.0006	-.0083	.0132	-.0211	.0016
12	S95T000056_L	3035.	3775.	-293.5	351.5	-5633.	15410.
13	S95T000056_	2782.	4088.	684.8	-73.60	-5369.	16120.
14	S95T000056_D	2560.	4673.	686.9	26.44	-5781.	15020.
15	S95T0000_A	46030.	44530.	42700.	42800.	35110.	59330.

WHC-SD-WM-DP-099, REV. 1

#	Sample Name	P	Pb	S	Sb	Se	Si
6	ICSA	-.0122	-.0817	-.0433	.0044	.1189	.0501
17	ICSAB	-.0111	.8496	-.0539	.0147	.1077	.0839
18	CCV_2	5.249	4.843	4.965	4.779	4.886	4.876
19	CCB_2	.0097	.0156	-.0148	.0150	.0023	.0064

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	4.926	4.960	-.0406	4.912	4.843	9.638
2	ICB	.0003	.0000	.0007	.0002	-.0231	.0010
3	ICSA	-.0118	.0008	-.0292	.0012	.1149	.0300
4	ICSAB	-.0041	.0011	-.0209	.0021	.1152	.0334
5	PREPBLKTJA	.0355	.0034	.1441	.0027	.0042	-2.299
6	S95T000055_L	97.45	154.3	732.9	312.0	225.3	-3605.
7	S95T000055_	280.2	146.9	699.8	265.1	55.74	-2986.
8	S95T000055_D	315.4	186.0	1445.	295.2	29.73	-4328.
9	S95T000055_A	31980.	32840.	552.9	34400.	33780.	59280.
10	CCV_1	4.959	4.989	-.0451	4.921	4.797	9.723
11	CCB_1	-.0080	.0000	-.0018	.0007	-.0045	-.0237
12	S95T000056_L	400.1	149.0	975.7	322.8	-212.5	-3947.
13	S95T000056_	395.2	144.6	1035.	289.6	173.9	-4033.
14	S95T000056_D	377.0	138.9	1067.	275.4	-79.84	-4621.
15	S95T0000_A	36670.	37620.	975.3	39590.	39250.	66970.
16	ICSA	-.0059	.0008	-.0252	.0007	.1087	.0331
17	ICSAB	-.0061	.0011	-.0179	.0019	.0742	.0036
18	CCV_2	4.918	4.960	-.0438	4.925	4.841	9.643
19	CCB_2	-.0011	.0000	-.0032	.0002	-.0105	.0110

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.047	.0108	5.030	4.967
2	ICB	-.0006	-.0001	.0006	-.0007
3	ICSA	.0002	.0065	-.0123	-.0024
4	ICSAB	.4696	.0068	.9573	-.0011
5	PREPBLKTJA	.0121	.0016	.0230	-.0055
6	S95T000055_L	15.93	145.0	1586.	3663.
7	S95T000055_	56.52	146.1	1111.	3615.
8	S95T000055_D	58.45	189.2	739.7	12910.
9	S95T000055_A	34350.	214.6	38130.	37990.
10	CCV_1	5.043	.0104	5.028	4.978
11	CCB_1	-.0016	-.0004	.0014	-.0008
12	S95T000056_L	48.05	213.1	576.4	7580.
13	S95T000056_	68.52	209.9	511.8	7510.
14	S95T000056_D	71.79	201.2	388.3	6976.
15	S95T0000_A	39720.	286.7	42930.	47080.
16	ICSA	.0018	.0068	-.0129	-.0018
17	ICSAB	.4849	.0068	.9771	-.0016
18	CCV_2	5.047	.0107	5.043	4.963
19	CCB_2	-.0002	-.0001	.0012	.0002

JK Lote
3-16-95
C-103 S95T000055
S95T000056

PG-SD-WM-DP- [illegible], REV. 1
059 [illegible] 9/12/95

File: 950317B

A-0004-0

LABCORE Data Entry Template for Worklist# 701

JK 3-17-95

Analyst: JK Sato **Instrument:** ICP01 Rev Mode A-1 **Method:** LA-505-~~151~~ 151 **Book#** 38048a

Worklist Comment: ICP Fusion C-103 Li only WHC-SD-WM-DP-~~080~~ 099, REV. 1

Seq	Type	Sample#	R	A	Test	Matrix	Analytes Requested
1	ICV				@ICP-QC	QC	
2	ICB				@ICP-QC	QC	
3	ICSA				@ICP-QC	QC	
4	ICSAB TJA SP 03/10/95				@ICP-QC	QC	
5	PREPBLK~~ARL~~				@ICP-F03	SOLID	
6	SAMPLE	S95T000226	0	F	@ICP-F03	SOLID	LI-F-01
7	DUP	S95T000226	0	F	@ICP-F03	SOLID	
8	SPK	S95T000226	0	F	@ICP-F03	SOLID	
9	CCV				@ICP-QC	QC	
10	CCB				@ICP-QC	QC	
11	SAMPLE	S95T000227	0	F	@ICP-F03	SOLID	LI-F-01
12	DUP	S95T000227	0	F	@ICP-F03	SOLID	
13	ICSA				@ICP-QC	QC	
14	ICSAB				@ICP-QC	QC	
15	CCV				@ICP-QC	QC	
16	CCB				@ICP-QC	QC	

Final page for worklist # 701

JK Sato 03-17-95

Analyst Signature **Date** **Analyst Signature** **Date**

			Dil. Factor	
S95T000226	0.1050 g → 250 ml,	3-7 ml	7428	7436
S95T000226_D	0.1160 g → 250 ml,	3-7 ml	7177	
S95T000227_a	0.1050 g → 250 ml,	3-7 ml	7428	
S95T000227	0.1010 g → 250 ml,	3-7 ml	8242	8251
S95T000227_D	0.1130 g → 250 ml,	3-7 ml	7367	7375

Post Spike sample 3 ml + XUHC28 .5 ml + XUHC35 .5 ml + 5% HNO_3 6 ml

Data Entry Comments:

Analysis Report Summary Fri 03-17-95 02:23:20 PM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950317B	ICP2	03/17/95	12:47	DKS	Q	CONC
2	ICB	950317B	ICP2	03/17/95	12:51	DKS	Q	CONC
3	ICSA	950317B	ICP2	03/17/95	12:54	DKS	Q	CONC
4	ICSAB	950317B	ICP2	03/17/95	12:58	DKS	Q	CONC
5	PREPBLKTJA	950317B	ICP2	03/17/95	13:07	DKS	S	CONC
6	S95T000226_L	950317B	ICP2	03/17/95	13:18	DKS	S	CONC
7	S95T000226	950317B	ICP2	03/17/95	13:22	DKS	S	CONC
8	S95T000226_D	950317B	ICP2	03/17/95	13:26	DKS	S	CONC
9	S95T000226_A	950317B	ICP2	03/17/95	13:31	DKS	S	CONC
10	CCV_1	950317B	ICP2	03/17/95	13:39	DKS	Q	CONC
11	CCB_1	950317B	ICP2	03/17/95	13:42	DKS	Q	CONC
12	S95T000227_L	950317B	ICP2	03/17/95	13:46	DKS	S	CONC
13	S95T000227	950317B	ICP2	03/17/95	13:51	DKS	S	CONC
14	S95T000227_D	950317B	ICP2	03/17/95	13:55	DKS	S	CONC
15	ICSA	950317B	ICP2	03/17/95	14:03	DKS	Q	CONC
16	ICSAB	950317B	ICP2	03/17/95	14:06	DKS	Q	CONC
17	CCV_2	950317B	ICP2	03/17/95	14:14	DKS	Q	CONC
18	CCB_2	950317B	ICP2	03/17/95	14:18	DKS	Q	CONC

WHC-SD-WM-DP-080, REV. 1

JK Lab
3-17-95
C-103 S95T000226
S95T000227

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 427 TO 430.

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.958	5.073	5.209	5.037	5.131	5.064
2	ICB	.0005	.0091	.0012	.0027	.0002	.0002
3	ICSA	-.0012	252.0	-.0019	.0035	.0002	.0004
4	ICSAB	1.005	251.7	-.0231	.0020	.4913	.4950
5	PREPBLKTJA	-.0002	.2009	.0121	.0018	.0196	.0003
6	S95T000226_L	7.838	16840.	-456.4	-135.8	842.0	11.32
7	S95T000226_	86.02	16520.	-175.0	-17.27	787.6	3.803
8	S95T000226_D	60.91	12200.	11.61	16.60	590.3	3.171
9	S95T000226_A	6388.	55560.	40870.	37720.	37170.	36940.
10	CCV_1	4.991	5.132	5.276	5.151	5.215	5.186
11	CCB_1	.0018	.0072	.0174	.0071	.0002	.0003
12	S95T000227_L	20.06	25380.	525.5	-156.3	990.6	18.64
13	S95T000227_	48.51	24910.	-49.40	-14.94	943.5	4.266
14	S95T000227_D	84.75	30440.	77.84	-11.83	1007.	4.063
15	ICSA	-.0003	254.2	.0211	-.0010	.0003	.0007
16	ICSAB	1.003	250.8	.0177	.0063	.4843	.4971
17	CCV_2	5.047	5.112	5.350	5.131	5.167	5.213
18	CCB_2	.0016	.0130	.0236	.0022	.0002	.0003

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	5.026	5.134	5.052	5.006	5.123	5.098
2	ICB	.0398	.0134	.0002	.0036	.0022	.0001
3	ICSA	.0859	260.9	.0007	.0082	.0006	-.0036
4	ICSAB	.0635	262.3	.9832	.0108	.4909	.4788
5	PREPBLKTJA	-6.367	.4759	-.0001	-.0050	.0132	.0133
6	S95T000226_L	-17150.	4213.	243.7	801.9	189.1	698.8
7	S95T000226_	-17120.	3428.	221.0	626.0	67.50	662.0
8	S95T000226_D	-15590.	1881.	163.3	458.7	48.46	465.3
9	S95T000226_A	22960.	43360.	38960.	36000.	38580.	39190.
10	CCV_1	5.141	5.266	5.139	5.089	5.220	5.196
11	CCB_1	.0312	.0179	.0006	.0049	.0000	-.0006
12	S95T000227_L	-17200.	2427.	377.6	1007.	190.4	1100.
13	S95T000227_	-17860.	1882.	314.2	804.2	58.39	1063.
14	S95T000227_D	-16160.	2372.	384.7	937.9	115.0	1352.
15	ICSA	.0872	264.6	.0018	.0117	.0044	-.0026
16	ICSAB	.1151	262.9	.9819	.0099	.4884	.4777
17	CCV_2	5.181	5.422	5.224	5.074	5.288	5.270
18	CCB_2	.0405	.0205	.0005	.0105	.0010	-.0011

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.005	.0033	5.104	4.918	5.108	4.934
2	ICB	-.0000	.0012	.0026	.0165	.0014	.0010
3	ICSA	-.0089	-.0692	94.94	.0636	-.0017	.0043
4	ICSAB	.4790	-.0675	94.97	-.0050	-.0014	.9677
5	PREPBLKTJA	.0478	.0067	.1701	8926.	-.0029	.0036
6	S95T000226_L	533.5	95.87	97500.	26e6	253.2	109.2
7	S95T000226_	533.5	32.21	93900.	25e6	216.3	42.95
8	S95T000226_D	182.1	24.89	67370.	23e6	150.0	33.61
9	S95T000226_A	37710.	42.00	130400.	25e6	36950.	36170.

ND < 79.3 79.4

4.56

WHC-SD-WM-DP- ~~080~~ 099, REV. 0 Rev 9/26/95

#	Sample Name	Cu	Eu	Fe	K	La	Li
0	CCV_1	5.087	.0033	5.200	5.167	5.228	5.064
11	CCB_1	-.0001	.0014	.0033	.1419	.0011	.0015
12	S95T000227_L	375.3	83.21	121300.	27e6	394.1	132.5
13	S95T000227_	373.0	30.49	117800.	25e6	360.5	96.87
14	S95T000227_D	487.1	32.47	141400.	23e6	334.7	116.4
15	ICSA	-.0077	-.0731	96.03	.1460	-.0015	.0037
16	ICSAB	.4760	-.0714	94.78	.0465	-.0012	.9660
17	CCV_2	5.041	.0040	5.243	5.140	5.194	4.939
18	CCB_2	-.0003	.0016	.0038	.0056	.0009	.0019

.012 .014 96.9 116 DL 22.50

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	5.062	5.005	5.087	4.923	5.030	5.055
2	ICB	-.0022	.0007	.0050	.0079	.0014	-.0089
3	ICSA	253.8	-.0038	-.0108	197.8	-.0005	-.0213
4	ICSAB	252.1	.4701	-.0105	195.7	-.0060	.9312
5	PREPBLKTJA	.0712	.0512	.0027	3.498	-.0020	1.428
6	S95T000226_L	613.9	4878.	22.76	54460.	545.2	55620.
7	S95T000226_	560.8	4743.	50.47	52170.	476.5	53490.
8	S95T000226_D	421.9	3462.	39.68	42010.	338.4	51890.
9	S95T000226_A	37240.	42490.	38960.	88930.	35190.	90580.
10	CCV_1	5.140	5.064	5.180	5.034	5.132	5.070
11	CCB_1	-.0088	.0006	.0031	.0107	-.0002	-.0016
12	S95T000227_L	353.1	4810.	119.4	47230.	799.0	40650.
13	S95T000227_	576.2	4710.	24.28	45680.	797.8	40260.
14	S95T000227_D	765.8	6171.	25.80	53090.	883.8	85350.
15	ICSA	256.1	-.0039	-.0147	199.8	.0025	-.0327
16	ICSAB	251.3	.4683	-.0167	194.7	-.0027	.9196
17	CCV_2	5.131	5.125	5.232	4.935	5.090	5.141
18	CCB_2	-.0049	.0009	.0026	.0111	-.0003	-.0069

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.047	5.029	5.161	4.842	5.144	4.804
2	ICB	-.0115	.0264	-.0049	.0061	.0310	.0174
3	ICSA	-.0730	-.0420	-.0414	.0022	.1750	.0539
4	ICSAB	-.0776	.9455	-.0332	-.0030	.1910	.0878
5	PREPBLKTJA	.0481	.1271	.0125	-.0028	-1.807	.4085
6	S95T000226_L	4596.	5275.	1179.	-270.1	-3612.	11920.
7	S95T000226_	4553.	4233.	1264.	-31.75	-4769.	11280.
8	S95T000226_D	2727.	3093.	962.9	-71.61	-4355.	8364.
9	S95T000226_A	44870.	43890.	43050.	41020.	35270.	52320.
10	CCV_1	5.149	5.110	5.231	4.888	5.192	4.843
11	CCB_1	-.0081	.0296	-.0066	-.0048	.0345	.0146
12	S95T000227_L	2838.	9664.	376.9	-53.31	-3809.	17240.
13	S95T000227_	3471.	8351.	702.3	-44.77	-4857.	16980.
14	S95T000227_D	3353.	9157.	1034.	-31.45	-4335.	20600.
15	ICSA	-.0620	-.0344	-.0435	-.0061	.1698	.0524
16	ICSAB	-.0853	.9448	-.0420	-.0034	.1772	.0864
17	CCV_2	5.284	5.178	5.297	4.950	5.286	4.900
18	CCB_2	-.0004	.0484	.0023	.0035	.0513	.0146

WHC-SD-WM-DP- 080 099 REV. FW 9/22/95

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	5.175	5.065	-.0579	4.973	4.997	9.624
2	ICB	.0110	.0007	.0078	.0000	.0239	.0571
3	ICSA	.0090	.0011	-.0213	.0007	.0961	-.0126
4	ICSAB	.0060	.0015	-.0130	.0007	.0993	-.0349
5	PREPBLKTJA	.0450	.0037	.1448	.0023	.0180	-2.296
6	S95T000226_L	1105.	139.3	1044.	167.1	332.2	-161.5
7	S95T000226	357.1	111.8	877.3	183.5	73.52	-3015.
8	S95T000226_D	283.6	81.04	632.1	127.3	84.56	-3231.
9	S95T000226_A	36740.	36840.	651.8	38080.	38780.	64080.
10	CCV_1	5.316	5.175	-.0530	5.081	5.072	9.832
11	CCB_1	.0155	.0006	.0009	.0000	-.0284	.0679
12	S95T000227_L	887.4	133.3	1405.	223.9	157.4	-1369.
13	S95T000227	403.3	110.5	1146.	219.1	155.2	-3373.
14	S95T000227_D	476.1	133.6	759.1	279.3	-16.03	-2085.
15	ICSA	.0060	.0011	-.0154	.0015	.0903	-.0457
16	ICSAB	.0066	.0014	-.0126	.0015	.1438	-.0485
17	CCV_2	5.259	5.149	-.0536	5.079	5.096	9.740
18	CCB_2	.0169	.0006	.0055	.0000	-.0243	.0768

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.115	.0110	5.125	5.058
2	ICB	.0032	.0007	-.0004	.0022
3	ICSA	.0043	.0075	-.0136	.0021
4	ICSAB	.4950	.0075	.9933	.0002
5	PREPBLKTJA	.0162	.0021	.0556	.0002
6	S95T000226_L	259.8	121.1	300.0	5059.
7	S95T000226	100.8	81.38	454.4	4770.
8	S95T000226_D	78.63	59.05	109.1	2099.
9	S95T000226_A	38420.	151.6	41630.	43160.
10	CCV_1	5.215	.0114	5.202	5.159
11	CCB_1	.0039	.0009	-.0012	.0030
12	S95T000227_L	223.6	155.0	732.0	6106.
13	S95T000227	103.7	128.5	150.0	5884.
14	S95T000227_D	121.7	147.8	394.0	1972.
15	ICSA	.0043	.0074	-.0128	.0026
16	ICSAB	.4953	.0076	.9975	.0023
17	CCV_2	5.262	.0118	5.276	5.172
18	CCB_2	.0047	.0009	-.0001	.0027

JK Left

3-17-95

C-103 S95T000226

S95T000227

099 JW 9/26/95

WHC-SD-WM-DP-080, REV. 1

File: 950315B

LABCORE Data Entry Template for Worklist# 716

3K 3-15-95

Analyst: K Soto **Instrument:** ICP01 Rev Mode A-1 **Method:** LA-505-~~151~~ 161 **Book#** 386482

3K 3-15-95

Worklist Comment: ICP C_103 FUSION

Seq	Type	Sample#	R	A	Test	Matrix	Analytes Requested
1	ICV				@ICP-QC	QC	
2	ICB				@ICP-QC	QC	
3	ICSA				@ICP-QC	QC	
4	ICSAB				@ICP-QC	QC	
5	PREPBLKTJA				@ICP-F03	SOLID	
6	SAMPLE	S95T000053	0	F	@ICP-F03	SOLID	LI-F-01
7	DUP	S95T000053	0	F	@ICP-F03	SOLID	
8	CCV				@ICP-QC	QC	
9	CCB				@ICP-QC	QC	
10	SAMPLE	S95T000054	0	F	@ICP-F03	SOLID	LI-F-01
11	DUP	S95T000054	0	F	@ICP-F03	SOLID	
12	ICSA				@ICP-QC	QC	
13	ICSAB				@ICP-QC	QC	
14	CCV				@ICP-QC	QC	
15	CCB				@ICP-QC	QC	

Final page for worklist # 716

K Soto 03-15-95

Analyst Signature **Date**

Analyst Signature **Date**

Data Entry Comments:

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950315B	ICP2	03/15/95	12:30	DKS	Q	CONC
2	ICB	950315B	ICP2	03/15/95	12:34	DKS	Q	CONC
3	ICSA	950315B	ICP2	03/15/95	12:38	DKS	Q	CONC
4	ICSAB	950315B	ICP2	03/15/95	12:42	DKS	Q	CONC
5	PREPBLKTJA	950315B	ICP2	03/15/95	12:48	DKS	S	CONC
6	S95T000053_L	950315B	ICP2	03/15/95	12:54	DKS	S	CONC
7	S95T000053	950315B	ICP2	03/15/95	12:58	DKS	S	CONC
8	S95T000053_D	950315B	ICP2	03/15/95	13:03	DKS	S	CONC
9	CCV_1	950315B	ICP2	03/15/95	13:12	DKS	Q	CONC
10	CCB_1	950315B	ICP2	03/15/95	13:15	DKS	Q	CONC
11	S95T000054_L	950315B	ICP2	03/15/95	13:20	DKS	S	CONC
12	S95T000054	950315B	ICP2	03/15/95	13:24	DKS	S	CONC
13	S95T000054_D	950315B	ICP2	03/15/95	13:28	DKS	S	CONC
14	ICSA	950315B	ICP2	03/15/95	13:38	DKS	Q	CONC
15	ICSAB	950315B	ICP2	03/15/95	13:41	DKS	Q	CONC
16	CCV_2	950315B	ICP2	03/15/95	13:52	DKS	Q	CONC
17	CCB_2	950315B	ICP2	03/15/95	13:56	DKS	Q	CONC

WHC-SD-WM-DP-~~000~~ 099, REV. 1 9/25/95

3-15-95

C-103 S95T000053

S95T000054

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 432 TO 435.

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	5.047	5.029	5.286	5.037	5.069	5.281
2	ICB	.0016	.0002	-.0073	-.0037	.0002	.0002
3	ICSA	-.0009	241.7	.0295	.0024	.0001	.0001
4	ICSAB	.9943	240.7	-.0123	-.0012	.4598	.4858
5	PREPBLKTJA	.0016	.1472	.0086	-.0031	.0194	.0000
6	S95T000053_L	200.6	11490.	-24.67	-183.7	1072.	7.720
7	S95T000053_	232.4	11480.	8.244	-79.74	1025.	1.396
8	S95T000053_D	224.8	10660.	22.23	-96.44	927.7	1.389
9	CCV_1	5.133	5.148	5.322	5.123	5.199	5.389
10	CCB_1	.0026	-.0079	.0175	-.0027	.0002	.0001
11	S95T000054_L	306.1	12380.	468.4	-264.5	976.2	9.925
12	S95T000054_	316.3	12310.	-89.54	-87.80	939.5	1.416
13	S95T000054_D	307.8	11830.	-5.425	-23.05	900.9	.6186
14	ICSA	-.0000	252.1	.0185	-.0026	.0001	.0003
15	ICSAB	1.014	248.3	.0034	-.0061	.4760	.5052
16	CCV_2	5.014	4.981	5.176	4.987	4.977	5.201
17	CCB_2	.0047	-.0088	.0182	-.0048	.0001	-.0000

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	5.110	5.295	5.211	5.176	5.287	5.256
2	ICB	.0528	.0156	-.0015	.0047	-.0012	-.0002
3	ICSA	.1210	254.5	.0007	.0058	.0013	-.0038
4	ICSAB	.1237	257.5	.9561	.0112	.4774	.4690
5	PREPBLKTJA	-6.418	.1746	-.0007	-.0035	.0005	.0007
6	S95T000053_L	-1586.	1911.	410.1	1077.	117.5	891.0
7	S95T000053_	-3315.	1180.	329.3	851.5	43.94	921.9
8	S95T000053_D	-3188.	1138.	300.9	841.2	26.06	841.2
9	CCV_1	5.184	5.417	5.257	5.304	5.330	5.319
10	CCB_1	.0440	.0177	-.0006	.0067	-.0009	-.0000
11	S95T000054_L	-2021.	1984.	302.2	884.8	-41.06	676.0
12	S95T000054_	-3632.	1512.	316.3	861.0	20.79	599.3
13	S95T000054_D	-3232.	1596.	308.9	765.4	33.95	598.2
14	ICSA	.1131	267.1	.0016	.0069	.0010	-.0047
15	ICSAB	.0688	264.9	.9807	.0107	.4895	.4808
16	CCV_2	5.062	5.337	5.112	5.079	5.195	5.175
17	CCB_2	.0485	.0254	.0000	.0077	-.0015	.0000

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.176	.0049	5.207	4.899	5.103	4.968
2	ICB	.0006	.0021	.0046	.0942	.0007	.0018
3	ICSA	-.0083	-.0516	92.11	.0268	-.0010	.0047
4	ICSAB	.4702	-.0543	92.02	-.0598	-.0018	.9471
5	PREPBLKTJA	.0128	.0066	.0483	9022.	-.0021	.0038
6	S95T000053_L	1010.	84.60	111900.	5616e3	467.9	127.9
7	S95T000053_	972.5	25.47	108900.	5419e3	443.4	54.69
8	S95T000053_D	923.2	21.94	101600.	5475e3	402.2	50.75
9	CCV_1	5.312	.0040	5.292	5.180	5.245	5.151
10	CCB_1	-.0000	.0016	.0046	-.0660	.0001	.0018
11	S95T000054_L	654.7	59.00	106400.	5982e3	409.5	53.54

WHC-SD-WM-DP-~~080~~ 099, REV. 1 9/25/95

#	Sample Name	Cu	Eu	Fe	K	La	Li
12	S95T000054	633.9	22.57	104600.	5795e3	419.1	25.88
13	S95T000054_D	612.5	25.10	100900.	5751e3	403.1	29.39
14	ICSA	-.0094	-.0615	96.11	.0626	-.0018	.0043
15	ICSAB	.4890	-.0585	94.68	.0845	-.0022	.9859
16	CCV_2	5.120	.0043	5.133	4.791	5.028	4.969
17	CCB_2	-.0001	.0022	.0059	-.0727	-.0004	.0020

MD <95.2

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	5.029	5.132	5.241	5.036	5.262	5.150
2	ICB	.0072	.0009	.0052	.0157	.0006	-.0019
3	ICSA	244.5	-.0031	-.0044	195.4	.0000	-.0037
4	ICSAB	242.3	.4594	-.0082	192.6	.0012	.9156
5	PREPBLKTJA	.1369	.0777	.0074	3.579	-.0034	6.357
6	S95T000053_L	349.6	2715.	129.5	34650.	887.4	36330.
7	S95T000053	535.0	2647.	63.49	33120.	951.6	35430.
8	S95T000053_D	380.3	2454.	57.13	32500.	900.6	35740.
9	CCV_1	5.148	5.173	5.317	5.203	5.422	5.245
10	CCB_1	.0049	.0007	.0045	.0132	-.0007	.0029
11	S95T000054_L	524.3	2707.	303.8	34080.	906.1	28680.
12	S95T000054	410.4	2665.	20.07	32730.	923.8	28550.
13	S95T000054_D	490.6	2579.	50.65	33050.	889.3	32780.
14	ICSA	254.8	-.0041	-.0115	205.1	-.0036	-.0130
15	ICSAB	249.7	.4702	-.0119	200.1	.0013	.9522
16	CCV_2	4.997	5.026	5.143	4.997	5.199	5.097
17	CCB_2	-.0035	.0010	.0033	.0194	-.0008	.0047

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.153	5.214	5.260	4.935	5.138	4.899
2	ICB	.0576	.0555	.0018	-.0089	.0389	.0162
3	ICSA	-.0322	.0101	-.0372	-.0036	.1386	.0537
4	ICSAB	-.0106	.9903	-.0312	.0049	.1673	.0886
5	PREPBLKTJA	.0876	.1139	.0585	-.0117	-1.819	.5791
6	S95T000053_L	3413.	5300.	199.5	-502.9	-407.9	12820.
7	S95T000053	1269.	3878.	753.8	-35.37	-627.4	12410.
8	S95T000053_D	1390.	3688.	631.7	-38.70	-666.0	11550.
9	CCV_1	5.244	5.258	5.308	4.992	5.234	4.955
10	CCB_1	.0618	.0393	-.0021	-.0018	.0249	.0139
11	S95T000054_L	3771.	5336.	-109.1	-314.4	157.6	13030.
12	S95T000054	1409.	3963.	656.9	15.23	-895.0	12840.
13	S95T000054_D	1251.	3866.	651.0	-71.31	-870.6	12240.
14	ICSA	-.0247	-.0161	-.0315	.0038	.1575	.0507
15	ICSAB	-.0138	.9771	-.0298	.0174	.1858	.0889
16	CCV_2	5.050	5.138	5.205	4.865	5.076	4.830
17	CCB_2	.0555	.0470	.0100	-.0014	.0311	.0138

WHC-SD-WM-DP-~~050~~ 099, REV. 1
for 9/25/95

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	5.127	5.047	-.0906	5.011	5.133	9.984
2	ICB	.0211	.0005	-.0027	.0005	-.0116	.0775
3	ICSA	.0211	.0009	-.0344	.0015	.0681	.1241
4	ICSAB	.0175	.0011	-.0341	.0008	.0670	.1036
5	PREPBLKTJA	.0488	.0027	.1436	.0483	.0247	-2.318
6	S95T000053_L	1167.	127.5	633.8	356.8	21.77	4374.
7	S95T000053	497.6	109.4	870.1	374.2	310.3	1729.
8	S95T000053_D	415.4	101.2	866.6	221.1	127.6	1531.
9	CCV_1	5.285	5.197	-.0930	5.127	5.233	10.28
10	CCB_1	.0182	.0005	-.0025	.0003	.0061	.0631
11	S95T000054_L	923.7	126.8	732.8	349.0	934.3	3110.
12	S95T000054	444.7	110.2	918.6	329.8	-167.8	1478.
13	S95T000054_D	448.0	108.7	836.4	215.8	216.4	1603.
14	ICSA	.0132	.0009	-.0246	.0003	.0855	.0789
15	ICSAB	.0113	.0011	-.0259	.0020	.0960	.0762
16	CCV_2	5.054	4.993	-.0989	4.939	5.011	9.839
17	CCB_2	.0262	.0006	-.0052	-.0002	.0205	.0940

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.232	.0118	5.275	5.126
2	ICB	.0049	.0012	-.0004	.0033
3	ICSA	.0054	.0080	-.0123	.0048
4	ICSAB	.4805	.0080	.9852	.0046
5	PREPBLKTJA	.0163	.0026	.0114	.0518
6	S95T000053_L	250.3	199.1	470.0	6584.
7	S95T000053	84.18	154.9	200.3	6343.
8	S95T000053_D	75.60	142.6	235.8	6015.
9	CCV_1	5.327	.0118	5.329	5.231
10	CCB_1	.0045	.0010	-.0005	.0033
11	S95T000054_L	167.6	175.3	525.7	5560.
12	S95T000054	77.01	149.2	171.6	5401.
13	S95T000054_D	79.62	146.7	147.8	5261.
14	ICSA	.0048	.0079	-.0135	.0033
15	ICSAB	.4963	.0079	.9997	.0034
16	CCV_2	5.158	.0114	5.214	5.046
17	CCB_2	.0059	.0013	-.0003	.0034

JK Zolo
3-15-95

C-103 S95T000053
S95T000054

WHC-SD-WM-DP-080, REV. 1
0099 JW 4/15/95

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	716	1			ICV	AG				5.0473		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
2	716	1			ICV	AL				5.0294		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
3	716	1			ICV	AS				5.2857		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
4	716	1			ICV	B				5.0389		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
5	716	1			ICV	BA				5.0689		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
6	716	1			ICV	BE				5.2808		1.0000	03/15/95	12:30	dks	0.005	@ICP-QC
7	716	1			ICV	BI				5.1096		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
8	716	1			ICV	CA				5.2949		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
9	716	1			ICV	CD				5.2107		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
10	716	1			ICV	CE				5.1763		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
11	716	1			ICV	CO				5.2873		1.0000	03/15/95	12:30	dks	0.02	@ICP-QC
12	716	1			ICV	CR				5.2559		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
13	716	1			ICV	CU				5.1762		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
14	716	1			ICV	EU				0.0049		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
15	716	1			ICV	FE				5.2069		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
16	716	1			ICV	K				4.8992		1.0000	03/15/95	12:30	dks	0.3	@ICP-QC
17	716	1			ICV	LA				5.1026		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
18	716	1			ICV	LI				4.9682		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
19	716	1			ICV	MG				5.0291		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
20	716	1			ICV	MN				5.1318		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
21	716	1			ICV	MO				5.2411		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
22	716	1			ICV	NA				5.0360		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
23	716	1			ICV	ND				5.2625		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
24	716	1			ICV	NI				5.1496		1.0000	03/15/95	12:30	dks	0.02	@ICP-QC
25	716	1			ICV	P				5.1529		1.0000	03/15/95	12:30	dks	0.2	@ICP-QC
26	716	1			ICV	PB				5.2144		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
27	716	1			ICV	S				5.2598		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
28	716	1			ICV	SB				4.9348		1.0000	03/15/95	12:30	dks	0.2	@ICP-QC
29	716	1			ICV	SE				5.1383		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
30	716	1			ICV	SI				4.8986		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
31	716	1			ICV	SM				5.1266		1.0000	03/15/95	12:30	dks	0.1	@ICP-QC
32	716	1			ICV	SR				5.0473		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
33	716	1			ICV	TH				-0.0906		1.0000	03/15/95	12:30	dks	0	@ICP-QC
34	716	1			ICV	TI				5.0111		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
35	716	1			ICV	TL				5.1334		1.0000	03/15/95	12:30	dks	0.2	@ICP-QC
36	716	1			ICV	U				9.9835		1.0000	03/15/95	12:30	dks	0.4	@ICP-QC
37	716	1			ICV	V				5.2320		1.0000	03/15/95	12:30	dks	0.05	@ICP-QC
38	716	1			ICV	Y				0.0118		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
39	716	1			ICV	ZN				5.2749		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
40	716	1			ICV	ZR				5.1261		1.0000	03/15/95	12:30	dks	0.01	@ICP-QC
41	716	2			ICB	AG				0.0016		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
42	716	2			ICB	AL				0.0002		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
43	716	2			ICB	AS				-0.0073		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
44	716	2			ICB	B				-0.0037		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
45	716	2			ICB	BA				0.0002		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
46	716	2			ICB	BE				0.0002		1.0000	03/15/95	12:34	dks	0.005	@ICP-QC
47	716	2			ICB	BI				0.0528		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
48	716	2			ICB	CA				0.0156		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
49	716	2			ICB	CD				-0.0015		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
50	716	2			ICB	CE				0.0047		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
51	716	2			ICB	CO				-0.0012		1.0000	03/15/95	12:34	dks	0.02	@ICP-QC
52	716	2			ICB	CR				-0.0002		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
53	716	2			ICB	CU				0.0006		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
54	716	2			ICB	EU				0.0021		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
55	716	2			ICB	FE				0.0046		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
56	716	2			ICB	K				0.0942		1.0000	03/15/95	12:34	dks	0.3	@ICP-QC
57	716	2			ICB	LA				0.0007		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
58	716	2			ICB	LI				0.0018		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
59	716	2			ICB	MG				0.0072		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
60	716	2			ICB	MN				0.0009		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
61	716	2			ICB	MO				0.0052		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
62	716	2			ICB	NA				0.0157		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
63	716	2			ICB	ND				0.0006		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
64	716	2			ICB	NI				-0.0019		1.0000	03/15/95	12:34	dks	0.02	@ICP-QC
65	716	2			ICB	P				0.0576		1.0000	03/15/95	12:34	dks	0.2	@ICP-QC
66	716	2			ICB	PB				0.0555		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
67	716	2			ICB	S				0.0018		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
68	716	2			ICB	SB				-0.0089		1.0000	03/15/95	12:34	dks	0.2	@ICP-QC
69	716	2			ICB	SE				0.0389		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
70	716	2			ICB	SI				0.0162		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
71	716	2			ICB	SM				0.0211		1.0000	03/15/95	12:34	dks	0.1	@ICP-QC
72	716	2			ICB	SR				0.0005		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
73	716	2			ICB	TH				-0.0027		1.0000	03/15/95	12:34	dks	0	@ICP-QC
74	716	2			ICB	TI				0.0005		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
75	716	2			ICB	TL				-0.0116		1.0000	03/15/95	12:34	dks	0.2	@ICP-QC
76	716	2			ICB	U				0.0775		1.0000	03/15/95	12:34	dks	0.4	@ICP-QC
77	716	2			ICB	V				0.0049		1.0000	03/15/95	12:34	dks	0.05	@ICP-QC
78	716	2			ICB	Y				0.0012		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
79	716	2			ICB	ZN				-0.0004		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
80	716	2			ICB	ZR				0.0033		1.0000	03/15/95	12:34	dks	0.01	@ICP-QC
81	716	3			ICSA	AG				-0.0009		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
82	716	3			ICSA	AL				241.7016		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
83	716	3			ICSA	AS				0.0295		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
84	716	3			ICSA	B				0.0024		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
85	716	3			ICSA	BA				0.0001		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
86	716	3			ICSA	BE				0.0001		1.0000	03/15/95	12:38	dks	0.005	@ICP-QC
87	716	3			ICSA	BI				0.1210		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
88	716	3			ICSA	CA				254.4805		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
89	716	3			ICSA	CD				0.0007		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
90	716	3			ICSA	CE				0.0058		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
91	716	3			ICSA	CO				0.0013		1.0000	03/15/95	12:38	dks	0.02	@ICP-QC
92	716	3			ICSA	CR				-0.0038		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
93	716	3			ICSA	CU				-0.0083		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
94	716	3			ICSA	EU				-0.0516		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
95	716	3			ICSA	FE				92.1131		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
96	716	3			ICSA	K				0.0266		1.0000	03/15/95	12:38	dks	0.3	@ICP-QC
97	716	3			ICSA	LA				-0.0010		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
98	716	3			ICSA	LI				0.0047		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
99	716	3			ICSA	MG				244.5335		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
100	716	3			ICSA	MN				-0.0031		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
101	716	3			ICSA	MO				-0.0044		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC

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ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
102	716	3			ICSA	NA				195.4489		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
103	716	3			ICSA	ND				0.0000		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
104	716	3			ICSA	NI				-0.0037		1.0000	03/15/95	12:38	dks	0.02	@ICP-QC
105	716	3			ICSA	P				-0.0322		1.0000	03/15/95	12:38	dks	0.2	@ICP-QC
106	716	3			ICSA	PB				0.0101		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
107	716	3			ICSA	S				-0.0372		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
108	716	3			ICSA	SB				-0.0036		1.0000	03/15/95	12:38	dks	0.2	@ICP-QC
109	716	3			ICSA	SE				0.1386		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
110	716	3			ICSA	SI				0.0537		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
111	716	3			ICSA	SM				0.0211		1.0000	03/15/95	12:38	dks	0.1	@ICP-QC
112	716	3			ICSA	SR				0.0009		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
113	716	3			ICSA	TH				-0.0344		1.0000	03/15/95	12:38	dks	0	@ICP-QC
114	716	3			ICSA	TI				0.0015		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
115	716	3			ICSA	TL				0.0681		1.0000	03/15/95	12:38	dks	0.2	@ICP-QC
116	716	3			ICSA	U				0.1241		1.0000	03/15/95	12:38	dks	0.4	@ICP-QC
117	716	3			ICSA	V				0.0054		1.0000	03/15/95	12:38	dks	0.05	@ICP-QC
118	716	3			ICSA	Y				0.0080		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
119	716	3			ICSA	ZN				-0.0123		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
120	716	3			ICSA	ZR				0.0048		1.0000	03/15/95	12:38	dks	0.01	@ICP-QC
121	716	4			ICSAB	AG				0.9943		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
122	716	4			ICSAB	AL				240.7011		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
123	716	4			ICSAB	AS				-0.0123		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
124	716	4			ICSAB	B				-0.0012		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
125	716	4			ICSAB	BA				0.4598		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
126	716	4			ICSAB	BE				0.4858		1.0000	03/15/95	12:42	dks	0.005	@ICP-QC
127	716	4			ICSAB	BI				0.1237		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
128	716	4			ICSAB	CA				257.5377		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
129	716	4			ICSAB	CD				0.9561		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
130	716	4			ICSAB	CE				0.0112		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
131	716	4			ICSAB	CO				0.4774		1.0000	03/15/95	12:42	dks	0.02	@ICP-QC
132	716	4			ICSAB	CR				0.4890		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
133	716	4			ICSAB	CU				0.4702		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
134	716	4			ICSAB	EU				-0.0543		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
135	716	4			ICSAB	FE				92.0156		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
136	716	4			ICSAB	K				-0.0598		1.0000	03/15/95	12:42	dks	0.3	@ICP-QC
137	716	4			ICSAB	LA				-0.0018		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
138	716	4			ICSAB	LI				0.9471		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
139	716	4			ICSAB	MG				242.3027		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
140	716	4			ICSAB	MN				0.4594		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
141	716	4			ICSAB	MO				-0.0082		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
142	716	4			ICSAB	NA				192.5856		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
143	716	4			ICSAB	ND				0.0012		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
144	716	4			ICSAB	NI				0.9156		1.0000	03/15/95	12:42	dks	0.02	@ICP-QC
145	716	4			ICSAB	P				-0.0106		1.0000	03/15/95	12:42	dks	0.2	@ICP-QC
146	716	4			ICSAB	PB				0.9903		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
147	716	4			ICSAB	S				-0.0312		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
148	716	4			ICSAB	SB				0.0049		1.0000	03/15/95	12:42	dks	0.2	@ICP-QC
149	716	4			ICSAB	SE				0.1673		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
150	716	4			ICSAB	SI				0.0886		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
151	716	4			ICSAB	SM				0.0175		1.0000	03/15/95	12:42	dks	0.1	@ICP-QC
152	716	4			ICSAB	SR				0.0011		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
153	716	4			ICSAB	TH				-0.0341		1.0000	03/15/95	12:42	dks	0	@ICP-QC
154	716	4			ICSAB	TI				0.0008		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
155	716	4			ICSAB	TL				0.0670		1.0000	03/15/95	12:42	dks	0.2	@ICP-QC
156	716	4			ICSAB	U				0.1038		1.0000	03/15/95	12:42	dks	0.4	@ICP-QC
157	716	4			ICSAB	V				0.4805		1.0000	03/15/95	12:42	dks	0.05	@ICP-QC
158	716	4			ICSAB	Y				0.0080		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
159	716	4			ICSAB	ZN				0.9852		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
160	716	4			ICSAB	ZR				0.0046		1.0000	03/15/95	12:42	dks	0.01	@ICP-QC
161	716	5			PREPBL	AG-F-01				0.0016		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
162	716	5			PREPBL	AL-F-01				0.1472		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
163	716	5			PREPBL	AS-F-01				0.0086		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
164	716	5			PREPBL	B-F-01				-0.0031		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
165	716	5			PREPBL	BA-F-01				0.0194		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
166	716	5			PREPBL	BE-F-01				0.0000		1.0000	03/15/95	12:48	dks	0.005	@ICP-F0
167	716	5			PREPBL	BI-F-01				-6.4182		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
168	716	5			PREPBL	CA-F-01				0.1746		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
169	716	5			PREPBL	CD-F-01				-0.0007		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
170	716	5			PREPBL	CE-F-01				-0.0035		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
171	716	5			PREPBL	CO-F-01				0.0005		1.0000	03/15/95	12:48	dks	0.02	@ICP-F0
172	716	5			PREPBL	CR-F-01				0.0007		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
173	716	5			PREPBL	CU-F-01				0.0128		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
174	716	5			PREPBL	EU-F-01				0.0066		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
175	716	5			PREPBL	FE-F-01				0.0483		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
176	716	5			PREPBL	K-F-01				9021.6533		1.0000	03/15/95	12:48	dks	0.3	@ICP-F0
177	716	5			PREPBL	LA-F-01				-0.0021		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
178	716	5			PREPBL	LI-F-01				0.0038		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
179	716	5			PREPBL	MG-F-01				0.1369		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
180	716	5			PREPBL	MN-F-01				0.0777		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
181	716	5			PREPBL	MO-F-01				0.0074		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
182	716	5			PREPBL	NA-F-01				3.5793		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
183	716	5			PREPBL	ND-F-01				-0.0034		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
184	716	5			PREPBL	NI-F-01				6.3566		1.0000	03/15/95	12:48	dks	0.02	@ICP-F0
185	716	5			PREPBL	P-F-01				0.0876		1.0000	03/15/95	12:48	dks	0.2	@ICP-F0
186	716	5			PREPBL	PB-F-01				0.1139		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
187	716	5			PREPBL	S-F-01				0.0585		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
188	716	5			PREPBL	SB-F-01				-0.0117		1.0000	03/15/95	12:48	dks	0.2	@ICP-F0
189	716	5			PREPBL	SE-F-01				-1.8186		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
190	716	5			PREPBL	SI-F-01				0.5791		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
191	716	5			PREPBL	SM-F-01				0.0488		1.0000	03/15/95	12:48	dks	0.1	@ICP-F0
192	716	5			PREPBL	SR-F-01				0.0027		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
193	716	5			PREPBL	TH-F-01				0.1436		1.0000	03/15/95	12:48	dks	0	@ICP-F0
194	716	5			PREPBL	TI-F-01				0.0483		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
195	716	5			PREPBL	TL-F-01				0.0247		1.0000	03/15/95	12:48	dks	0.2	@ICP-F0
196	716	5			PREPBL	U-F-01				-2.3184		1.0000	03/15/95	12:48	dks	0.4	@ICP-F0
197	716	5			PREPBL	V-F-01				0.0163		1.0000	03/15/95	12:48	dks	0.05	@ICP-F0
198	716	5			PREPBL	Y-F-01				0.0026		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
199	716	5			PREPBL	ZN-F-01				0.0114		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
200	716	5			PREPBL	ZR-F-01				0.0518		1.0000	03/15/95	12:48	dks	0.01	@ICP-F0
201	716	6	S95T000053			LI-F-01				94.1200		9412.0000	03/15/95	12:58	dks	0.01	@ICP-F0
202	716	7	S95T000053		DUP	LI-F-01		<94.1200		<93.3600		9336.0000	03/15/95	13:03	dks	0.01	@ICP-F0

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
203	716	8			CCV	AG				5.1334		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
204	716	8			CCV	AL				5.1476		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
205	716	8			CCV	AS				5.3224		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
206	716	8			CCV	B				5.1233		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
207	716	8			CCV	BA				5.1986		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
208	716	8			CCV	BE				5.3889		1.0000	03/15/95	13:12	dks	0.005	@ICP-QC
209	716	8			CCV	BI				5.1641		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
210	716	8			CCV	CA				5.4172		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
211	716	8			CCV	CD				5.2567		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
212	716	8			CCV	CE				5.3038		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
213	716	8			CCV	CO				5.3299		1.0000	03/15/95	13:12	dks	0.02	@ICP-QC
214	716	8			CCV	CR				5.3187		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
215	716	8			CCV	CU				5.3124		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
216	716	8			CCV	EU				0.0040		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
217	716	8			CCV	FE				5.2920		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
218	716	8			CCV	K				5.1803		1.0000	03/15/95	13:12	dks	0.3	@ICP-QC
219	716	8			CCV	LA				5.2448		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
220	716	8			CCV	LI				5.1510		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
221	716	8			CCV	MG				5.1476		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
222	716	8			CCV	MN				5.1734		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
223	716	8			CCV	MO				5.3167		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
224	716	8			CCV	NA				5.2031		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
225	716	8			CCV	ND				5.4220		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
226	716	8			CCV	NI				5.2449		1.0000	03/15/95	13:12	dks	0.02	@ICP-QC
227	716	8			CCV	P				5.2442		1.0000	03/15/95	13:12	dks	0.2	@ICP-QC
228	716	8			CCV	PB				5.2581		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
229	716	8			CCV	S				5.3081		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
230	716	8			CCV	SB				4.9919		1.0000	03/15/95	13:12	dks	0.2	@ICP-QC
231	716	8			CCV	SE				5.2338		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
232	716	8			CCV	SI				4.9546		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
233	716	8			CCV	SM				5.2852		1.0000	03/15/95	13:12	dks	0.1	@ICP-QC
234	716	8			CCV	SR				5.1971		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
235	716	8			CCV	TH				-0.0930		1.0000	03/15/95	13:12	dks	0	@ICP-QC
236	716	8			CCV	TI				5.1270		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
237	716	8			CCV	TL				5.2326		1.0000	03/15/95	13:12	dks	0.2	@ICP-QC
238	716	8			CCV	U				10.2830		1.0000	03/15/95	13:12	dks	0.4	@ICP-QC
239	716	8			CCV	V				5.3269		1.0000	03/15/95	13:12	dks	0.05	@ICP-QC
240	716	8			CCV	Y				0.0118		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
241	716	8			CCV	ZN				5.3292		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
242	716	8			CCV	ZR				5.2307		1.0000	03/15/95	13:12	dks	0.01	@ICP-QC
243	716	9			CCB	AG				0.0026		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
244	716	9			CCB	AL				-0.0079		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
245	716	9			CCB	AS				0.0175		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
246	716	9			CCB	B				-0.0027		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
247	716	9			CCB	BA				0.0002		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
248	716	9			CCB	BE				0.0001		1.0000	03/15/95	13:15	dks	0.005	@ICP-QC
249	716	9			CCB	BI				0.0440		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
250	716	9			CCB	CA				0.0177		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
251	716	9			CCB	CD				-0.0006		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
252	716	9			CCB	CE				0.0067		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
253	716	9			CCB	CO				-0.0009		1.0000	03/15/95	13:15	dks	0.02	@ICP-QC
254	716	9			CCB	CR				-0.0000		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
255	716	9			CCB	CU				-0.0000		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
256	716	9			CCB	EU				0.0016		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
257	716	9			CCB	FE				0.0046		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
258	716	9			CCB	K				-0.0660		1.0000	03/15/95	13:15	dks	0.3	@ICP-QC
259	716	9			CCB	LA				0.0001		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
260	716	9			CCB	LI				0.0018		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
261	716	9			CCB	MG				0.0049		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
262	716	9			CCB	MN				0.0007		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
263	716	9			CCB	MO				0.0045		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
264	716	9			CCB	NA				0.0132		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
265	716	9			CCB	ND				-0.0007		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
266	716	9			CCB	NI				0.0029		1.0000	03/15/95	13:15	dks	0.02	@ICP-QC
267	716	9			CCB	P				0.0618		1.0000	03/15/95	13:15	dks	0.2	@ICP-QC
268	716	9			CCB	PB				0.0393		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
269	716	9			CCB	S				-0.0021		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
270	716	9			CCB	SB				-0.0018		1.0000	03/15/95	13:15	dks	0.2	@ICP-QC
271	716	9			CCB	SE				0.0249		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
272	716	9			CCB	SI				0.0139		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
273	716	9			CCB	SM				0.0182		1.0000	03/15/95	13:15	dks	0.1	@ICP-QC
274	716	9			CCB	SR				0.0005		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
275	716	9			CCB	TH				-0.0025		1.0000	03/15/95	13:15	dks	0	@ICP-QC
276	716	9			CCB	TI				0.0003		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
277	716	9			CCB	TL				0.0081		1.0000	03/15/95	13:15	dks	0.2	@ICP-QC
278	716	9			CCB	U				0.0631		1.0000	03/15/95	13:15	dks	0.4	@ICP-QC
279	716	9			CCB	V				0.0045		1.0000	03/15/95	13:15	dks	0.05	@ICP-QC
280	716	9			CCB	Y				0.0010		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
281	716	9			CCB	ZN				-0.0005		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
282	716	9			CCB	ZR				0.0033		1.0000	03/15/95	13:15	dks	0.01	@ICP-QC
283	716	10	S95T000054			LI-F-01			<	95.2100		9521.0000	03/15/95	13:24	dks	0.01	@ICP-F0
284	716	11	S95T000054		DUP	LI-F-01		<95.2100		<95.0200		9502.0000	03/15/95	13:28	dks	0.01	@ICP-F0
285	716	12			ICSA	AG				-0.0000		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
286	716	12			ICSA	AL				252.0635		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
287	716	12			ICSA	AS				0.0185		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
288	716	12			ICSA	B				-0.0026		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
289	716	12			ICSA	BA				0.0001		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
290	716	12			ICSA	BE				0.0003		1.0000	03/15/95	13:38	dks	0.005	@ICP-QC
291	716	12			ICSA	BI				0.1131		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC
292	716	12			ICSA	CA				267.0890		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC
293	716	12			ICSA	CD				0.0016		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
294	716	12			ICSA	CE				0.0069		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC
295	716	12			ICSA	CO				0.0010		1.0000	03/15/95	13:38	dks	0.02	@ICP-QC
296	716	12			ICSA	CR				-0.0047		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
297	716	12			ICSA	CU				-0.0094		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
298	716	12			ICSA	EU				-0.0615		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
299	716	12			ICSA	FE				98.1116		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
300	716	12			ICSA	K				0.0626		1.0000	03/15/95	13:38	dks	0.3	@ICP-QC
301	716	12			ICSA	LA				-0.0018		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
302	716	12			ICSA	LI				0.0043		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
303	716	12			ICSA	MG				254.7878		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
304	716	12			ICSA	MN				-0.0041		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
305	716	12			ICSA	MO				-0.0115		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
306	716	12			ICSA	NA				205.0689		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC
307	716	12			ICSA	ND				-0.0036		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC
308	716	12			ICSA	NI				-0.0130		1.0000	03/15/95	13:38	dks	0.02	@ICP-QC
309	716	12			ICSA	P				-0.0247		1.0000	03/15/95	13:38	dks	0.2	@ICP-QC
10	716	12			ICSA	PB				-0.0161		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC
11	716	12			ICSA	S				-0.0315		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
312	716	12			ICSA	SB				0.0038		1.0000	03/15/95	13:38	dks	0.2	@ICP-QC
313	716	12			ICSA	SE				0.1575		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC
314	716	12			ICSA	SI				0.0507		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
315	716	12			ICSA	SM				0.0132		1.0000	03/15/95	13:38	dks	0.1	@ICP-QC
316	716	12			ICSA	SR				0.0009		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
317	716	12			ICSA	TH				-0.0246		1.0000	03/15/95	13:38	dks	0	@ICP-QC
318	716	12			ICSA	TI				0.0003		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
319	716	12			ICSA	TL				0.0855		1.0000	03/15/95	13:38	dks	0.2	@ICP-QC
320	716	12			ICSA	U				0.0789		1.0000	03/15/95	13:38	dks	0.4	@ICP-QC
321	716	12			ICSA	V				0.0048		1.0000	03/15/95	13:38	dks	0.05	@ICP-QC
322	716	12			ICSA	Y				0.0079		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
323	716	12			ICSA	ZN				-0.0135		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
324	716	12			ICSA	ZR				0.0033		1.0000	03/15/95	13:38	dks	0.01	@ICP-QC
325	716	13			ICSAB	AG				1.0144		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
326	716	13			ICSAB	AL				248.3173		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
327	716	13			ICSAB	AS				0.0034		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
328	716	13			ICSAB	B				-0.0061		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
329	716	13			ICSAB	BA				0.4760		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
330	716	13			ICSAB	BE				0.5052		1.0000	03/15/95	13:41	dks	0.005	@ICP-QC
331	716	13			ICSAB	BI				0.0888		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
332	716	13			ICSAB	CA				264.9337		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
333	716	13			ICSAB	CD				0.9807		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
334	716	13			ICSAB	CE				0.0107		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
335	716	13			ICSAB	CO				0.4895		1.0000	03/15/95	13:41	dks	0.02	@ICP-QC
336	716	13			ICSAB	CR				0.4808		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
337	716	13			ICSAB	CU				0.4890		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
338	716	13			ICSAB	EU				-0.0585		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
339	716	13			ICSAB	FE				94.6846		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
340	716	13			ICSAB	K				0.0845		1.0000	03/15/95	13:41	dks	0.3	@ICP-QC
341	716	13			ICSAB	LA				-0.0022		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
342	716	13			ICSAB	LI				0.9859		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
343	716	13			ICSAB	MG				249.6648		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
344	716	13			ICSAB	MN				0.4702		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
345	716	13			ICSAB	MO				-0.0119		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
346	716	13			ICSAB	NA				200.0997		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
347	716	13			ICSAB	ND				0.0013		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
348	716	13			ICSAB	NI				0.9522		1.0000	03/15/95	13:41	dks	0.02	@ICP-QC
349	716	13			ICSAB	P				-0.0138		1.0000	03/15/95	13:41	dks	0.2	@ICP-QC
350	716	13			ICSAB	PB				0.9771		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
351	716	13			ICSAB	S				-0.0298		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
52	716	13			ICSAB	SB				0.0174		1.0000	03/15/95	13:41	dks	0.2	@ICP-QC
3	716	13			ICSAB	SE				0.1858		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
54	716	13			ICSAB	SI				0.0889		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
355	716	13			ICSAB	SM				0.0113		1.0000	03/15/95	13:41	dks	0.1	@ICP-QC
356	716	13			ICSAB	SR				0.0011		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
357	716	13			ICSAB	TH				-0.0259		1.0000	03/15/95	13:41	dks	0	@ICP-QC
358	716	13			ICSAB	TI				0.0020		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
359	716	13			ICSAB	TL				0.0960		1.0000	03/15/95	13:41	dks	0.2	@ICP-QC
360	716	13			ICSAB	U				0.0762		1.0000	03/15/95	13:41	dks	0.4	@ICP-QC
361	716	13			ICSAB	V				0.4963		1.0000	03/15/95	13:41	dks	0.05	@ICP-QC
362	716	13			ICSAB	Y				0.0079		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
363	716	13			ICSAB	ZN				0.9997		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
364	716	13			ICSAB	ZR				0.0034		1.0000	03/15/95	13:41	dks	0.01	@ICP-QC
365	716	14			CCV	AG				5.0141		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
366	716	14			CCV	AL				4.9614		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
367	716	14			CCV	AS				5.1763		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
368	716	14			CCV	B				4.9668		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
369	716	14			CCV	BA				4.9771		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
370	716	14			CCV	BE				5.2012		1.0000	03/15/95	13:52	dks	0.005	@ICP-QC
371	716	14			CCV	BI				5.0617		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
372	716	14			CCV	CA				5.3374		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
373	716	14			CCV	CD				5.1121		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
374	716	14			CCV	CE				5.0793		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
375	716	14			CCV	CO				5.1951		1.0000	03/15/95	13:52	dks	0.02	@ICP-QC
376	716	14			CCV	CR				5.1745		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
377	716	14			CCV	CU				5.1202		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
378	716	14			CCV	EU				0.0043		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
379	716	14			CCV	FE				5.1332		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
380	716	14			CCV	K				4.7911		1.0000	03/15/95	13:52	dks	0.3	@ICP-QC
381	716	14			CCV	LA				5.0261		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
382	716	14			CCV	LI				4.9687		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
383	716	14			CCV	MG				4.9975		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
384	716	14			CCV	MN				5.0259		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
385	716	14			CCV	MO				5.1426		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
386	716	14			CCV	NA				4.9966		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
387	716	14			CCV	ND				5.1994		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
388	716	14			CCV	NI				5.0967		1.0000	03/15/95	13:52	dks	0.02	@ICP-QC
389	716	14			CCV	P				5.0495		1.0000	03/15/95	13:52	dks	0.2	@ICP-QC
390	716	14			CCV	PB				5.1375		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
391	716	14			CCV	S				5.2053		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
392	716	14			CCV	SB				4.8646		1.0000	03/15/95	13:52	dks	0.2	@ICP-QC
393	716	14			CCV	SE				5.0761		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
394	716	14			CCV	SI				4.8301		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
5	716	14			CCV	SM				5.0539		1.0000	03/15/95	13:52	dks	0.1	@ICP-QC
6	716	14			CCV	SR				4.9929		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
397	716	14			CCV	TH				-0.0989		1.0000	03/15/95	13:52	dks	0	@ICP-QC
398	716	14			CCV	TI				4.9387		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
399	716	14			CCV	TL				5.0112		1.0000	03/15/95	13:52	dks	0.2	@ICP-QC
400	716	14			CCV	U				9.8393		1.0000	03/15/95	13:52	dks	0.4	@ICP-QC
401	716	14			CCV	V				5.1583		1.0000	03/15/95	13:52	dks	0.05	@ICP-QC
402	716	14			CCV	Y				0.0114		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
403	716	14			CCV	ZN				5.2136		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC
404	716	14			CCV	ZR				5.0461		1.0000	03/15/95	13:52	dks	0.01	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
405	716	15			CCB	AG				0.0047		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
406	716	15			CCB	AL				-0.0068		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
407	716	15			CCB	AS				0.0182		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
408	716	15			CCB	B				-0.0046		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
409	716	15			CCB	BA				0.0001		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
410	716	15			CCB	BE				-0.0000		1.0000	03/15/95	13:56	dks	0.005	@ICP-QC
411	716	15			CCB	BI				0.0485		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
412	716	15			CCB	CA				0.0254		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
413	716	15			CCB	CD				0.0000		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
414	716	15			CCB	CE				0.0077		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
415	716	15			CCB	CO				-0.0015		1.0000	03/15/95	13:56	dks	0.02	@ICP-QC
416	716	15			CCB	CR				0.0000		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
417	716	15			CCB	CU				-0.0001		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
418	716	15			CCB	EU				0.0022		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
419	716	15			CCB	FE				0.0059		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
420	716	15			CCB	K				-0.0727		1.0000	03/15/95	13:56	dks	0.3	@ICP-QC
421	716	15			CCB	LA				-0.0004		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
422	716	15			CCB	LI				0.0020		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
423	716	15			CCB	MG				-0.0035		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
424	716	15			CCB	MN				0.0010		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
425	716	15			CCB	MO				0.0033		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
426	716	15			CCB	NA				0.0194		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
427	716	15			CCB	ND				-0.0008		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
428	716	15			CCB	NI				0.0047		1.0000	03/15/95	13:56	dks	0.02	@ICP-QC
429	716	15			CCB	P				0.0555		1.0000	03/15/95	13:56	dks	0.2	@ICP-QC
430	716	15			CCB	PB				0.0470		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
431	716	15			CCB	S				0.0100		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
432	716	15			CCB	SB				-0.0014		1.0000	03/15/95	13:56	dks	0.2	@ICP-QC
433	716	15			CCB	SE				0.0311		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
434	716	15			CCB	SI				0.0138		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
435	716	15			CCB	SM				0.0262		1.0000	03/15/95	13:56	dks	0.1	@ICP-QC
436	716	15			CCB	SR				0.0008		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
437	716	15			CCB	TH				-0.0052		1.0000	03/15/95	13:56	dks	0	@ICP-QC
438	716	15			CCB	TI				-0.0002		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
439	716	15			CCB	TL				0.0205		1.0000	03/15/95	13:56	dks	0.2	@ICP-QC
440	716	15			CCB	U				0.0940		1.0000	03/15/95	13:56	dks	0.4	@ICP-QC
441	716	15			CCB	V				0.0059		1.0000	03/15/95	13:56	dks	0.05	@ICP-QC
442	716	15			CCB	Y				0.0013		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
443	716	15			CCB	ZN				-0.0003		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC
444	716	15			CCB	ZR				0.0034		1.0000	03/15/95	13:56	dks	0.01	@ICP-QC

079 gw 9/25/95

WHC-SD-WM-DP-~~080~~, REV. 1

440

LABCORE Data Entry Template for Worklist# 717

JK 3-22-95

Analyst: JK Sato **Instrument:** ICP0~~1~~ 6 Rev Mode A-1 **Method:** LA-505-~~151~~ 141 JK 9-18-95 **Book#** 58B48a

Worklist Comment: ICP C_103 FUSION

Seq	Type	Sample#	R A	Test	Matrix	Analytes Requested
1	ICV			@ICP-QC	QC	
2	ICB			@ICP-QC	QC	
3	ICSA			@ICP-QC	QC	
4	ICSAB			@ICP-QC	QC	
5	PREPBLKTJA			@ICP-F03	SOLID	
6	SAMPLE	S95T000057	0 F	@ICP-F03	SOLID	LI-F-01
7	DUP	S95T000057	0 F	@ICP-F03	SOLID	
8	ICSA			@ICP-QC	QC	
9	ICSAB			@ICP-QC	QC	
10	CCV			@ICP-QC	QC	
11	CCB			@ICP-QC	QC	

Final page for worklist # 717

JK Sato 03-22-95

Analyst Signature **Date**

Analyst Signature **Date**

Sample 5X 3.7-2.8 ml
Sample 3.7 ml, 0.1020 g → 250 ml
Duplicate 3.7 ml, 0.1110 g → 250 ml

Data Entry Comments:

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	950322A	ICP2	03/22/95	09:01	DKS	Q	CONC
2	ICB	950322A	ICP2	03/22/95	09:05	DKS	Q	CONC
3	ICSA	950322A	ICP2	03/22/95	09:08	DKS	Q	CONC
4	ICSAB	950322A	ICP2	03/22/95	09:12	DKS	Q	CONC
5	PREPBLKTJA	950322A	ICP2	03/22/95	09:20	DKS	S	CONC
6	S95T000057_L	950322A	ICP2	03/22/95	09:25	DKS	S	CONC
7	S95T000057	950322A	ICP2	03/22/95	09:29	DKS	S	CONC
8	S95T000057_D	950322A	ICP2	03/22/95	09:33	DKS	S	CONC
9	ICSA	950322A	ICP2	03/22/95	09:51	DKS	Q	CONC
10	ICSAB	950322A	ICP2	03/22/95	09:55	DKS	Q	CONC
11	CCV_1	950322A	ICP2	03/22/95	10:05	DKS	Q	CONC
12	CCB_1	950322A	ICP2	03/22/95	10:10	DKS	Q	CONC

WHC-SD-WM-OP-~~1550~~ 0999, REV. 1 JW 4/20/95

DK Lato

3-22-95

C-103 S95T000057

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 442 TO 445.

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	4.924	4.852	4.990	4.887	4.967	5.129
2	ICB	.0024	-.0040	-.0178	.0068	.0001	.0000
3	ICSA	-.0015	241.3	-.0549	.0003	-.0000	.0001
4	ICSAB	1.005	241.1	-.0981	.0111	.4742	.4930
5	PREPBLKTJA	.0014	.1447	-.0184	.0064	.0198	.0000
6	S95T000057_L	283.6	168100.	-760.4	96.75	189.4	3.535
7	S95T000057_	264.5	165900.	-292.0	13.17	179.5	3.625
8	S95T000057_D	331.7	182300.	-141.7	46.36	177.9	2.650
9	ICSA	-.0002	237.4	-.0543	.0028	.0001	.0001
10	ICSAB	1.005	238.0	-.0533	.0014	.4626	.4922
11	CCV_1	5.045	4.918	5.124	4.982	5.042	5.275
12	CCB_1	.0002	-.0010	-.0069	.0028	.0001	-.0001

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	4.831	4.952	5.034	5.029	5.099	5.091
2	ICB	.0068	.0081	-.0017	-.0031	.0003	-.0005
3	ICSA	.0492	243.1	.0016	.0050	.0013	-.0060
4	ICSAB	.0563	250.5	.9591	.0002	.4805	.4720
5	PREPBLKTJA	-6.577	.2877	-.0022	-.0159	.0053	.0059
6	S95T000057_L	-17230.	3197.	134.9	-11.20	94.90	818.9
7	S95T000057_	-17280.	2146.	158.2	16.50	17.55	769.0
8	S95T000057_D	-18530.	2136.	194.7	30.21	16.52	816.2
9	ICSA	.0682	249.9	.0021	.0055	-.0010	-.0029
10	ICSAB	.0927	253.3	.9604	.0057	.4792	.4714
11	CCV_1	4.948	5.286	5.216	5.135	5.280	5.265
12	CCB_1	.0239	.0234	-.0009	.0068	-.0016	-.0001

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.043	.0052	4.992	4.924	4.951	4.921
2	ICB	.0005	.0009	.0022	.1395	-.0009	.0013
3	ICSA	-.0088	-.0214	91.00	-.0533	-.0025	.0035
4	ICSAB	.4795	-.0296	92.04	-.0004	-.0024	.9658
5	PREPBLKTJA	.0133	.0071	.1161	9175.	-.0035	.0041
6	S95T000057_L	2281.	125.8	13040.	26e6	-8.119	105.2
7	S95T000057_	2256.	36.44	11950.	25e6	23.28	32.38
8	S95T000057_D	2281.	36.84	12830.	26e6	17.45	33.47
9	ICSA	-.0078	-.0380	91.40	.2353	-.0023	.0050
10	ICSAB	.4702	-.0412	91.82	.1084	-.0023	.9479
11	CCV_1	5.112	.0056	5.147	5.054	5.046	4.935
12	CCB_1	.0002	.0022	.0048	.0781	.0004	.0023

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	4.752	4.954	5.029	4.908	5.012	4.956
2	ICB	.0001	.0006	.0002	.0066	.0007	.0072
3	ICSA	239.6	-.0034	-.0148	199.7	.0003	-.0152
4	ICSAB	238.5	.4637	-.0148	195.8	.0010	.9273
5	PREPBLKTJA	.0618	.0443	-.0003	3.424	-.0027	2.282

099 9/21/95

WHC-SD-WM-DP-080, REV1

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
6	S95T000057_L	629.0	838.6	53.60	30610.	105.3	64200.
7	S95T000057_	386.4	772.4	-12.43	29240.	80.35	61730.
8	S95T000057_D	332.2	784.6	-15.66	27650.	67.52	43830.
9	ICSA	236.7	-.0030	-.0137	193.8	.0022	-.0241
10	ICSAB	235.9	.4626	-.0144	192.2	-.0037	.9294
11	CCV_1	4.844	5.105	5.195	4.945	5.096	5.151
12	CCB_1	-.0017	.0010	-.0004	.0167	-.0015	.0029

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.072	4.833	4.920	4.798	4.877	4.816
2	ICB	.0027	.0192	.0019	.0021	.0235	.0206
3	ICSA	-.0251	-.0509	-.0341	.0056	.1273	.0493
4	ICSAB	-.0123	.9054	-.0140	-.0146	.1318	.0956
5	PREPBLKTJA	.0348	.1032	.0260	-.0069	-1.889	.3055
6	S95T000057_L	2244.	3729.	585.0	-343.1	-3286.	5618.
7	S95T000057_	1720.	1746.	554.6	-126.9	-4853.	4956.
8	S95T000057_D	1693.	1772.	562.1	-37.12	-5241.	5498.
9	ICSA	-.0046	-.0138	-.0410	-.0171	.1293	.0470
10	ICSAB	.0016	.9459	-.0101	-.0007	.1613	.1029
11	CCV_1	5.409	5.008	5.115	4.916	5.039	4.944
12	CCB_1	.0282	.0495	.0113	.0017	.0308	.0201

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	4.844	4.906	-.0973	4.859	4.821	9.483
2	ICB	.0090	.0003	-.0036	.0005	.0159	.0334
3	ICSA	.0024	.0010	-.0337	.0008	.0642	.1049
4	ICSAB	.0085	.0015	-.0378	.0026	.0301	.0916
5	PREPBLKTJA	.0502	.0032	.1422	.0016	-.0053	-2.362
6	S95T000057_L	1201.	61.65	135.0	116.2	-44.24	1126.
7	S95T000057_	336.7	34.99	501.4	121.2	59.70	-2354.
8	S95T000057_D	318.3	34.34	418.3	111.3	1.250	-3239.
9	ICSA	.0128	.0011	-.0353	.0018	.0662	.0898
10	ICSAB	.0148	.0015	-.0315	.0016	.0610	.0913
11	CCV_1	4.932	5.004	-.0984	4.984	4.926	9.646
12	CCB_1	.0220	.0007	-.0048	.0005	.0046	.0938

#	Sample Name	V	Y	Zn	Zr
1	ICV	5.023	.0104	5.055	4.927
2	ICB	.0023	.0005	.0002	.0013
3	ICSA	.0018	.0068	-.0116	.0014
4	ICSAB	.4821	.0074	.9774	.0033
5	PREPBLKTJA	.0157	.0022	.0212	.0004
6	S95T000057_L	322.7	79.94	1721.	9339.
7	S95T000057_	89.63	30.06	572.6	9097.
8	S95T000057_D	92.27	30.56	484.8	7859.
9	ICSA	.0059	.0074	-.0118	.0037
10	ICSAB	.4795	.0078	.9823	.0043
11	CCV_1	5.177	.0112	5.214	5.048

WHC-SD-WM-DP-~~OXO~~, REV. 1

JK Lab

3-22-95

C-103 S95T000057

#	Sample Name	V	Y	Zn	Zr		
'2	CCB_1	.0057	.0012	.0007	.0047		

WHC-SD-WM-DP-088 REV. 1

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	717	1			ICV	AG			4.9238	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
2	717	1			ICV	AL			4.8516	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
3	717	1			ICV	AS			4.9699	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
4	717	1			ICV	B			4.8867	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
5	717	1			ICV	BA			4.9668	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
6	717	1			ICV	BE			5.1293	1.0000	03/22/95	09:01	dks	0.005	@ICP-QC
7	717	1			ICV	BI			4.8311	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
8	717	1			ICV	CA			4.9620	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
9	717	1			ICV	CD			5.0344	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
10	717	1			ICV	CE			5.0290	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
11	717	1			ICV	CO			5.0993	1.0000	03/22/95	09:01	dks	0.02	@ICP-QC
12	717	1			ICV	CR			5.0908	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
13	717	1			ICV	CU			5.0432	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
14	717	1			ICV	EU ✓			0.0052	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
15	717	1			ICV	FE			4.9921	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
16	717	1			ICV	K			4.9242	1.0000	03/22/95	09:01	dks	0.3	@ICP-QC
17	717	1			ICV	LA			4.9509	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
18	717	1			ICV	LI			4.9207	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
19	717	1			ICV	MG			4.7519	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
20	717	1			ICV	MN			4.9539	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
21	717	1			ICV	MO			5.0288	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
22	717	1			ICV	NA			4.9082	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
23	717	1			ICV	ND			5.0121	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
24	717	1			ICV	NI			4.9563	1.0000	03/22/95	09:01	dks	0.02	@ICP-QC
25	717	1			ICV	P			5.0723	1.0000	03/22/95	09:01	dks	0.2	@ICP-QC
26	717	1			ICV	PB			4.8330	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
27	717	1			ICV	S			4.9201	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
28	717	1			ICV	SB			4.7984	1.0000	03/22/95	09:01	dks	0.2	@ICP-QC
29	717	1			ICV	SE			4.8771	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
30	717	1			ICV	SI			4.8163	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
31	717	1			ICV	SM			4.8440	1.0000	03/22/95	09:01	dks	0.1	@ICP-QC
32	717	1			ICV	SR			4.9059	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
33	717	1			ICV	TH ✓			-0.0973	1.0000	03/22/95	09:01	dks	0	@ICP-QC
34	717	1			ICV	TI			4.8594	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
35	717	1			ICV	TL			4.8213	1.0000	03/22/95	09:01	dks	0.2	@ICP-QC
36	717	1			ICV	U			9.4830	1.0000	03/22/95	09:01	dks	0.4	@ICP-QC
37	717	1			ICV	V			5.0230	1.0000	03/22/95	09:01	dks	0.05	@ICP-QC
38	717	1			ICV	Y ✓			0.0104	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
39	717	1			ICV	ZN			5.0554	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
40	717	1			ICV	ZR			4.9269	1.0000	03/22/95	09:01	dks	0.01	@ICP-QC
41	717	2			ICB	AG			0.0024	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
42	717	2			ICB	AL			-0.0040	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
43	717	2			ICB	AS			-0.0178	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
44	717	2			ICB	B			0.0068	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
45	717	2			ICB	BA			0.0001	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
46	717	2			ICB	BE			0.0000	1.0000	03/22/95	09:05	dks	0.005	@ICP-QC
47	717	2			ICB	BI			0.0068	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
48	717	2			ICB	CA			0.0081	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
49	717	2			ICB	CD			-0.0017	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
50	717	2			ICB	CE			-0.0031	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
51	717	2			ICB	CO			0.0003	1.0000	03/22/95	09:05	dks	0.02	@ICP-QC
52	717	2			ICB	CR			-0.0005	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
53	717	2			ICB	CU			0.0005	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
54	717	2			ICB	EU ✓			0.0009	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
55	717	2			ICB	FE			0.0022	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
56	717	2			ICB	K			0.1395	1.0000	03/22/95	09:05	dks	0.3	@ICP-QC
57	717	2			ICB	LA			-0.0009	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
58	717	2			ICB	LI			0.0013	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
59	717	2			ICB	MG			0.0002	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
60	717	2			ICB	MN			0.0006	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
61	717	2			ICB	MO			0.0002	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
62	717	2			ICB	NA			0.0066	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
63	717	2			ICB	ND			0.0007	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
64	717	2			ICB	NI			0.0072	1.0000	03/22/95	09:05	dks	0.02	@ICP-QC
65	717	2			ICB	P			0.0027	1.0000	03/22/95	09:05	dks	0.2	@ICP-QC
66	717	2			ICB	PB			0.0192	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
67	717	2			ICB	S			0.0019	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
68	717	2			ICB	SB			0.0021	1.0000	03/22/95	09:05	dks	0.2	@ICP-QC
69	717	2			ICB	SE			0.0235	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
70	717	2			ICB	SI			0.0206	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
71	717	2			ICB	SM			0.0090	1.0000	03/22/95	09:05	dks	0.1	@ICP-QC
72	717	2			ICB	SR			0.0003	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
73	717	2			ICB	TH ✓			-0.0036	1.0000	03/22/95	09:05	dks	0	@ICP-QC
74	717	2			ICB	TI			0.0005	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
75	717	2			ICB	TL			0.0159	1.0000	03/22/95	09:05	dks	0.2	@ICP-QC
76	717	2			ICB	U			0.0334	1.0000	03/22/95	09:05	dks	0.4	@ICP-QC
77	717	2			ICB	V			0.0023	1.0000	03/22/95	09:05	dks	0.05	@ICP-QC
78	717	2			ICB	Y ✓			0.0005	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
79	717	2			ICB	ZN			0.0002	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
80	717	2			ICB	ZR			0.0013	1.0000	03/22/95	09:05	dks	0.01	@ICP-QC
81	717	3			ICSA	AG			-0.0015	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
82	717	3			ICSA	AL			241.2775	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
83	717	3			ICSA	AS			-0.0549	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
84	717	3			ICSA	B			0.0003	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
85	717	3			ICSA	BA			-0.0000	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
86	717	3			ICSA	BE			0.0001	1.0000	03/22/95	09:08	dks	0.005	@ICP-QC
87	717	3			ICSA	BI			0.0492	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
88	717	3			ICSA	CA			243.1440	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
89	717	3			ICSA	CD			0.0016	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
90	717	3			ICSA	CE			0.0050	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
91	717	3			ICSA	CO			0.0013	1.0000	03/22/95	09:08	dks	0.02	@ICP-QC
92	717	3			ICSA	CR			-0.0060	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
93	717	3			ICSA	CU			-0.0088	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC

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ICP MACRO

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
94	717	3			ICSA	EU			-0.0214	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
95	717	3			ICSA	FE			91.0005	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
96	717	3			ICSA	K			-0.0533	1.0000	03/22/95	09:08	dks	0.3	@ICP-QC
97	717	3			ICSA	LA			-0.0025	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
98	717	3			ICSA	LI			0.0035	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
9	717	3			ICSA	MG			239.6098	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
0	717	3			ICSA	MN			-0.0034	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
101	717	3			ICSA	MO			-0.0148	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
102	717	3			ICSA	NA			199.7092	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
103	717	3			ICSA	ND			0.0003	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
104	717	3			ICSA	NI			-0.0152	1.0000	03/22/95	09:08	dks	0.02	@ICP-QC
105	717	3			ICSA	P			-0.0251	1.0000	03/22/95	09:08	dks	0.2	@ICP-QC
106	717	3			ICSA	PB			-0.0509	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
107	717	3			ICSA	S			-0.0341	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
108	717	3			ICSA	SB			0.0057	1.0000	03/22/95	09:08	dks	0.2	@ICP-QC
109	717	3			ICSA	SE			0.1273	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
110	717	3			ICSA	SI			0.0493	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
111	717	3			ICSA	SM			0.0024	1.0000	03/22/95	09:08	dks	0.1	@ICP-QC
112	717	3			ICSA	SR			0.0010	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
113	717	3			ICSA	TH			-0.0337	1.0000	03/22/95	09:08	dks	0	@ICP-QC
114	717	3			ICSA	TI			0.0008	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
115	717	3			ICSA	TL			0.0642	1.0000	03/22/95	09:08	dks	0.2	@ICP-QC
116	717	3			ICSA	U			0.1049	1.0000	03/22/95	09:08	dks	0.4	@ICP-QC
117	717	3			ICSA	V			0.0018	1.0000	03/22/95	09:08	dks	0.05	@ICP-QC
118	717	3			ICSA	Y			0.0068	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
119	717	3			ICSA	ZN			-0.0116	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
120	717	3			ICSA	ZR			0.0015	1.0000	03/22/95	09:08	dks	0.01	@ICP-QC
121	717	4			ICSAB	AG			1.0046	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
122	717	4			ICSAB	AL			241.1262	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
123	717	4			ICSAB	AS			-0.0981	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
124	717	4			ICSAB	B			0.0111	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
125	717	4			ICSAB	BA			0.4742	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
126	717	4			ICSAB	BE			0.4930	1.0000	03/22/95	09:12	dks	0.005	@ICP-QC
127	717	4			ICSAB	BI			0.0563	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
128	717	4			ICSAB	CA			250.4518	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
129	717	4			ICSAB	CD			0.9591	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
130	717	4			ICSAB	CE			0.0002	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
131	717	4			ICSAB	CO			0.4805	1.0000	03/22/95	09:12	dks	0.02	@ICP-QC
132	717	4			ICSAB	CR			0.4720	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
133	717	4			ICSAB	CU			0.4795	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
134	717	4			ICSAB	EU			-0.0296	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
135	717	4			ICSAB	FE			92.0426	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
136	717	4			ICSAB	K			-0.0004	1.0000	03/22/95	09:12	dks	0.3	@ICP-QC
137	717	4			ICSAB	LA			-0.0024	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
8	717	4			ICSAB	LI			0.9658	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
9	717	4			ICSAB	MG			238.4879	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
140	717	4			ICSAB	MN			0.4637	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
141	717	4			ICSAB	MO			-0.0148	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
142	717	4			ICSAB	NA			195.7520	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
143	717	4			ICSAB	ND			0.0010	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
144	717	4			ICSAB	NI			0.9273	1.0000	03/22/95	09:12	dks	0.02	@ICP-QC
145	717	4			ICSAB	P			-0.0123	1.0000	03/22/95	09:12	dks	0.2	@ICP-QC
146	717	4			ICSAB	PB			0.9054	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
147	717	4			ICSAB	S			-0.0140	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
148	717	4			ICSAB	SB			-0.0146	1.0000	03/22/95	09:12	dks	0.2	@ICP-QC
149	717	4			ICSAB	SE			0.1318	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
150	717	4			ICSAB	SI			0.0956	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
151	717	4			ICSAB	SM			0.0085	1.0000	03/22/95	09:12	dks	0.1	@ICP-QC
152	717	4			ICSAB	SR			0.0015	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
153	717	4			ICSAB	TH			-0.0378	1.0000	03/22/95	09:12	dks	0	@ICP-QC
154	717	4			ICSAB	TI			0.0026	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
155	717	4			ICSAB	TL			0.0301	1.0000	03/22/95	09:12	dks	0.2	@ICP-QC
156	717	4			ICSAB	U			0.0916	1.0000	03/22/95	09:12	dks	0.4	@ICP-QC
157	717	4			ICSAB	V			0.4821	1.0000	03/22/95	09:12	dks	0.05	@ICP-QC
158	717	4			ICSAB	Y			0.0074	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
159	717	4			ICSAB	ZN			0.9774	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
160	717	4			ICSAB	ZR			0.0033	1.0000	03/22/95	09:12	dks	0.01	@ICP-QC
161	717	5			PREPBL	AG-F-01			0.0014	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
162	717	5			PREPBL	AL-F-01			0.1447	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
163	717	5			PREPBL	AS-F-01			-0.0184	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
164	717	5			PREPBL	B-F-01			0.0064	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
165	717	5			PREPBL	BA-F-01			0.0198	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
166	717	5			PREPBL	BE-F-01			0.0000	1.0000	03/22/95	09:20	dks	0.005	@ICP-F0
167	717	5			PREPBL	BI-F-01			-6.5771	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0
168	717	5			PREPBL	CA-F-01			0.2877	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0
169	717	5			PREPBL	CD-F-01			-0.0022	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
170	717	5			PREPBL	CE-F-01			-0.0159	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0
171	717	5			PREPBL	CO-F-01			0.0053	1.0000	03/22/95	09:20	dks	0.02	@ICP-F0
172	717	5			PREPBL	CR-F-01			0.0059	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
173	717	5			PREPBL	CU-F-01			0.0133	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
174	717	5			PREPBL	EU-F-01			0.0071	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
175	717	5			PREPBL	FE-F-01			0.1161	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
176	717	5			PREPBL	K-F-01			9175.2197	1.0000	03/22/95	09:20	dks	0.3	@ICP-F0
177	717	5			PREPBL	LA-F-01			-0.0035	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
8	717	5			PREPBL	LI-F-01			0.0041	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
179	717	5			PREPBL	MG-F-01			0.0618	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0
180	717	5			PREPBL	MN-F-01			0.0443	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
181	717	5			PREPBL	MO-F-01			-0.0003	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
182	717	5			PREPBL	NA-F-01			3.4241	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0
183	717	5			PREPBL	ND-F-01			-0.0027	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0
184	717	5			PREPBL	NI-F-01			2.2818	1.0000	03/22/95	09:20	dks	0.02	@ICP-F0
185	717	5			PREPBL	P-F-01			0.0348	1.0000	03/22/95	09:20	dks	0.2	@ICP-F0
186	717	5			PREPBL	PB-F-01			0.1032	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0

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REV.

OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
187	717	5			PREPBL	S-F-01			0.0260	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
188	717	5			PREPBL	SB-F-01			-0.0069	1.0000	03/22/95	09:20	dks	0.2	@ICP-F0
189	717	5			PREPBL	SE-F-01			-1.8885	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0
190	717	5			PREPBL	SI-F-01			0.3055	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
191	717	5			PREPBL	SM-F-01			0.0502	1.0000	03/22/95	09:20	dks	0.1	@ICP-F0
192	717	5			PREPBL	SR-F-01			0.0032	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
193	717	5			PREPBL	TH-F-01			0.1422	1.0000	03/22/95	09:20	dks	0	@ICP-F0
194	717	5			PREPBL	TI-F-01			0.0016	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
195	717	5			PREPBL	TL-F-01			-0.0053	1.0000	03/22/95	09:20	dks	0.2	@ICP-F0
196	717	5			PREPBL	U-F-01			-2.3624	1.0000	03/22/95	09:20	dks	0.4	@ICP-F0
197	717	5			PREPBL	V-F-01			0.0157	1.0000	03/22/95	09:20	dks	0.05	@ICP-F0
198	717	5			PREPBL	Y-F-01			0.0022	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
199	717	5			PREPBL	ZN-F-01			0.0212	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
200	717	5			PREPBL	ZR-F-01			0.0004	1.0000	03/22/95	09:20	dks	0.01	@ICP-F0
201	717	6	S95T000057			LI-F-01		<	81.6200	8162.0000	03/22/95	09:29	dks	0.01	@ICP-F0
202	717	7	S95T000057		DUP	LI-F-01	<81.6200		<75.0000	7500.0000	03/22/95	09:33	dks	0.01	@ICP-F0
203	717	8			ICSA	AG			-0.0002	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
204	717	8			ICSA	AL			237.4450	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
205	717	8			ICSA	AS			-0.0543	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
206	717	8			ICSA	B			0.0028	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
207	717	8			ICSA	BA			0.0002	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
208	717	8			ICSA	BE			0.0001	1.0000	03/22/95	09:51	dks	0.005	@ICP-QC
209	717	8			ICSA	BI			0.0682	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
210	717	8			ICSA	CA			249.9499	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
211	717	8			ICSA	CD			0.0021	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
212	717	8			ICSA	CE			0.0055	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
213	717	8			ICSA	CO			-0.0010	1.0000	03/22/95	09:51	dks	0.02	@ICP-QC
214	717	8			ICSA	CR			-0.0029	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
215	717	8			ICSA	CU			-0.0078	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
216	717	8			ICSA	EU			-0.0380	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
217	717	8			ICSA	FE			91.4019	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
218	717	8			ICSA	K			0.2353	1.0000	03/22/95	09:51	dks	0.3	@ICP-QC
219	717	8			ICSA	LA			-0.0023	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
220	717	8			ICSA	LI			0.0050	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
221	717	8			ICSA	MG			236.7078	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
222	717	8			ICSA	MN			-0.0030	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
223	717	8			ICSA	MO			-0.0137	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
224	717	8			ICSA	NA			193.8226	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
225	717	8			ICSA	ND			0.0022	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
226	717	8			ICSA	NI			-0.0241	1.0000	03/22/95	09:51	dks	0.02	@ICP-QC
227	717	8			ICSA	P			-0.0046	1.0000	03/22/95	09:51	dks	0.2	@ICP-QC
228	717	8			ICSA	PB			-0.0138	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
229	717	8			ICSA	S			-0.0410	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
230	717	8			ICSA	SB			-0.0171	1.0000	03/22/95	09:51	dks	0.2	@ICP-QC
231	717	8			ICSA	SE			0.1293	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
232	717	8			ICSA	SI			0.0470	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
233	717	8			ICSA	SM			0.0128	1.0000	03/22/95	09:51	dks	0.1	@ICP-QC
234	717	8			ICSA	SR			0.0011	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
235	717	8			ICSA	TH			-0.0353	1.0000	03/22/95	09:51	dks	0	@ICP-QC
236	717	8			ICSA	TI			0.0018	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
237	717	8			ICSA	TL			0.0662	1.0000	03/22/95	09:51	dks	0.2	@ICP-QC
238	717	8			ICSA	U			0.0898	1.0000	03/22/95	09:51	dks	0.4	@ICP-QC
239	717	8			ICSA	V			0.0059	1.0000	03/22/95	09:51	dks	0.05	@ICP-QC
240	717	8			ICSA	Y			0.0074	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
241	717	8			ICSA	ZN			-0.0118	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
242	717	8			ICSA	ZR			0.0037	1.0000	03/22/95	09:51	dks	0.01	@ICP-QC
243	717	9			ICSAB	AG			1.0050	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
244	717	9			ICSAB	AL			238.0093	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
245	717	9			ICSAB	AS			-0.0533	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
246	717	9			ICSAB	B			0.0015	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
247	717	9			ICSAB	BA			0.4828	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
248	717	9			ICSAB	BE			0.4922	1.0000	03/22/95	09:55	dks	0.005	@ICP-QC
249	717	9			ICSAB	BI			0.0927	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
250	717	9			ICSAB	CA			253.3277	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
251	717	9			ICSAB	CD			0.9604	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
252	717	9			ICSAB	CE			0.0057	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
253	717	9			ICSAB	CO			0.4792	1.0000	03/22/95	09:55	dks	0.02	@ICP-QC
254	717	9			ICSAB	CR			0.4714	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
255	717	9			ICSAB	CU			0.4702	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
256	717	9			ICSAB	EU			-0.0412	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
257	717	9			ICSAB	FE			91.8222	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
258	717	9			ICSAB	K			0.1084	1.0000	03/22/95	09:55	dks	0.3	@ICP-QC
259	717	9			ICSAB	LA			-0.0023	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
260	717	9			ICSAB	LI			0.9479	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
261	717	9			ICSAB	MG			235.8790	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
262	717	9			ICSAB	MN			0.4626	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
263	717	9			ICSAB	MO			-0.0144	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
264	717	9			ICSAB	NA			192.1881	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
265	717	9			ICSAB	ND			-0.0037	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
266	717	9			ICSAB	NI			0.9294	1.0000	03/22/95	09:55	dks	0.02	@ICP-QC
267	717	9			ICSAB	P			0.0016	1.0000	03/22/95	09:55	dks	0.2	@ICP-QC
268	717	9			ICSAB	PB			0.9459	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
269	717	9			ICSAB	S			-0.0101	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
270	717	9			ICSAB	SB			-0.0007	1.0000	03/22/95	09:55	dks	0.2	@ICP-QC
271	717	9			ICSAB	SE			0.1813	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
272	717	9			ICSAB	SI			0.1029	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC
273	717	9			ICSAB	SM			0.0148	1.0000	03/22/95	09:55	dks	0.1	@ICP-QC
274	717	9			ICSAB	SR			0.0015	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
275	717	9			ICSAB	TH			-0.0315	1.0000	03/22/95	09:55	dks	0	@ICP-QC
276	717	9			ICSAB	TI			0.0016	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
277	717	9			ICSAB	TL			0.0610	1.0000	03/22/95	09:55	dks	0.2	@ICP-QC
278	717	9			ICSAB	U			0.0913	1.0000	03/22/95	09:55	dks	0.4	@ICP-QC
279	717	9			ICSAB	V			0.4795	1.0000	03/22/95	09:55	dks	0.05	@ICP-QC

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OUTPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
280	717	9			ICSAB	Y			0.0078	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
281	717	9			ICSAB	ZN			0.9823	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
282	717	9			ICSAB	ZR			0.0043	1.0000	03/22/95	09:55	dks	0.01	@ICP-QC
283	717	10			CCV	AG			5.0452	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
284	717	10			CCV	AL			4.9180	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
285	717	10			CCV	AS			5.1239	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
16	717	10			CCV	B			4.9821	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
287	717	10			CCV	BA			5.0420	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
288	717	10			CCV	BE			5.2752	1.0000	03/22/95	10:05	dks	0.005	@ICP-QC
289	717	10			CCV	BI			4.9477	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
290	717	10			CCV	CA			5.2856	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
291	717	10			CCV	CD			5.2158	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
292	717	10			CCV	CE			5.1348	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
293	717	10			CCV	CO			5.2798	1.0000	03/22/95	10:05	dks	0.02	@ICP-QC
294	717	10			CCV	CR			5.2649	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
295	717	10			CCV	CU			5.1123	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
296	717	10			CCV	EU			0.0056	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
297	717	10			CCV	FE			5.1470	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
298	717	10			CCV	K			5.0536	1.0000	03/22/95	10:05	dks	0.3	@ICP-QC
299	717	10			CCV	LA			5.0463	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
300	717	10			CCV	LI			4.9346	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
301	717	10			CCV	MG			4.8441	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
302	717	10			CCV	MN			5.1053	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
303	717	10			CCV	MO			5.1947	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
304	717	10			CCV	NA			4.9449	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
305	717	10			CCV	ND			5.0965	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
306	717	10			CCV	NI			5.1506	1.0000	03/22/95	10:05	dks	0.02	@ICP-QC
307	717	10			CCV	P			5.4094	1.0000	03/22/95	10:05	dks	0.2	@ICP-QC
308	717	10			CCV	PB			5.0084	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
309	717	10			CCV	S			5.1147	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
310	717	10			CCV	SB			4.9159	1.0000	03/22/95	10:05	dks	0.2	@ICP-QC
311	717	10			CCV	SE			5.0390	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
312	717	10			CCV	SI			4.9441	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
313	717	10			CCV	SM			4.9319	1.0000	03/22/95	10:05	dks	0.1	@ICP-QC
314	717	10			CCV	SR			5.0038	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
315	717	10			CCV	TH			-0.0984	1.0000	03/22/95	10:05	dks	0	@ICP-QC
316	717	10			CCV	TI			4.9844	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
317	717	10			CCV	TL			4.9261	1.0000	03/22/95	10:05	dks	0.2	@ICP-QC
318	717	10			CCV	U			9.6463	1.0000	03/22/95	10:05	dks	0.4	@ICP-QC
319	717	10			CCV	V			5.1766	1.0000	03/22/95	10:05	dks	0.05	@ICP-QC
320	717	10			CCV	Y			0.0112	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
321	717	10			CCV	ZN			5.2143	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
322	717	10			CCV	ZR			5.0483	1.0000	03/22/95	10:05	dks	0.01	@ICP-QC
323	717	11			CCB	AG			0.0002	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
324	717	11			CCB	AL			-0.0010	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
15	717	11			CCB	AS			-0.0069	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
26	717	11			CCB	B			0.0028	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
327	717	11			CCB	BA			0.0001	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
328	717	11			CCB	BE			-0.0001	1.0000	03/22/95	10:10	dks	0.005	@ICP-QC
329	717	11			CCB	BI			0.0239	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
330	717	11			CCB	CA			0.0234	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
331	717	11			CCB	CD			-0.0009	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
332	717	11			CCB	CE			0.0068	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
333	717	11			CCB	CO			-0.0016	1.0000	03/22/95	10:10	dks	0.02	@ICP-QC
334	717	11			CCB	CR			-0.0001	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
335	717	11			CCB	CU			0.0002	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
336	717	11			CCB	EU			0.0022	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
337	717	11			CCB	FE			0.0048	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
338	717	11			CCB	K			0.0781	1.0000	03/22/95	10:10	dks	0.3	@ICP-QC
339	717	11			CCB	LA			0.0004	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
340	717	11			CCB	LI			0.0023	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
341	717	11			CCB	MG			-0.0017	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
342	717	11			CCB	MN			0.0010	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
343	717	11			CCB	MO			-0.0004	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
344	717	11			CCB	NA			0.0167	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
345	717	11			CCB	ND			-0.0015	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
346	717	11			CCB	NI			0.0029	1.0000	03/22/95	10:10	dks	0.02	@ICP-QC
347	717	11			CCB	P			0.0282	1.0000	03/22/95	10:10	dks	0.2	@ICP-QC
348	717	11			CCB	PB			0.0496	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
349	717	11			CCB	S			0.0113	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
350	717	11			CCB	SB			0.0017	1.0000	03/22/95	10:10	dks	0.2	@ICP-QC
351	717	11			CCB	SE			0.0308	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
352	717	11			CCB	SI			0.0201	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
353	717	11			CCB	SM			0.0220	1.0000	03/22/95	10:10	dks	0.1	@ICP-QC
354	717	11			CCB	SR			0.0007	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
355	717	11			CCB	TH			-0.0048	1.0000	03/22/95	10:10	dks	0	@ICP-QC
356	717	11			CCB	TI			0.0005	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
357	717	11			CCB	TL			0.0046	1.0000	03/22/95	10:10	dks	0.2	@ICP-QC
358	717	11			CCB	U			0.0938	1.0000	03/22/95	10:10	dks	0.4	@ICP-QC
359	717	11			CCB	V			0.0057	1.0000	03/22/95	10:10	dks	0.05	@ICP-QC
360	717	11			CCB	Y			0.0012	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
361	717	11			CCB	ZN			0.0007	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC
362	717	11			CCB	ZR			0.0047	1.0000	03/22/95	10:10	dks	0.01	@ICP-QC

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LABCORE Data Entry Template for Worklist# 904

Analyst: B. GOECKE **Instrument:** ICP~~01~~ ICP02 **Book#** 40B48A

Method: LA-505-~~151~~ 161 Rev/Mod A-1

Worklist Comment: ICP C_103 FUSION WHC-SD-WM-DP-~~066~~ 099, REV. 1

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPBLKTJA				@ICP-F03	SOLID		
6	SAMPLE	S95T000227	0	F	@ICP-F03	SOLID	95000013	C-103
		Analytes Requested: LI-F-01						
7	DUP	S95T000227	0	F	@ICP-F03	SOLID		
8	SPK	S95T000227	0	F	@ICP-F03	SOLID		
9	ICSA				@ICP-QC	QC		
10	ICSAB				@ICP-QC	QC		
11	CCV				@ICP-QC	QC		
12	CCB				@ICP-QC	QC		

Final page for worklist # 904

Analyst Signature **Date** 4-17-95 **Analyst Signature** **Date**

Data Entry Comments:
Preparation Blank data refers to final digestion volume. Comparison with sample data requires appropriate application of dilution factors for each sample to the Preparation Blank result. Brian Wals 4-21-95

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

File # 94041713

04/17/95 13:19
A-0004-1

LABCORE Data Entry Template for Worklist# 904

Analyst: B. Goecke **Instrument:** ~~ICP01~~ ICP02 bc 4-17-95 **Book#** 408484

Method: LA-505-~~151~~ 161 bc 4-17-95 Rev/Mod A-1

Worklist Comment: ICP C_103 FUSION WHC-SD-WM-DP-~~050~~ 099, REV. 1

S	Type	Sample#	R	A	Test	Matrix	Group#	Project
1	ICV				@ICP-QC	QC		
2	ICB				@ICP-QC	QC		
3	ICSA				@ICP-QC	QC		
4	ICSAB				@ICP-QC	QC		
5	PREPBLKTJA				@ICP-F03	SOLID		
6	SAMPLE	S95T000227	0	F	@ICP-F03	SOLID	95000013	C-103
		Analytes Requested: LI-F-01						
7	DUP	S95T000227	0	F	@ICP-F03	SOLID		
8	ICSA				@ICP-QC	QC		
9	ICSAB				@ICP-QC	QC		
10	CCV				@ICP-QC	QC		
11	CCB				@ICP-QC	QC		

Final page for worklist # 904

B. Goecke 4-17-95
Analyst Signature **Date**

Analyst Signature **Date**

Data Entry Comments:

S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

Analysis Report Summary Mon 04-17-95 03:08:50 PM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV	940417B	ICP2	04/17/95	13:45	BJG	Q	CONC
2	ICB	940417B	ICP2	04/17/95	13:49	BJG	Q	CONC
3	ICSA	940417B	ICP2	04/17/95	13:52	BJG	Q	CONC
4	ICSAB	940417B	ICP2	04/17/95	13:56	BJG	Q	CONC
5	PREPBLKTJA	940417B	ICP2	04/17/95	14:01	BJG	S	CONC
6	S95T000227_L	940417B	ICP2	04/17/95	14:08	BJG	S	CONC
7	S95T000227	940417B	ICP2	04/17/95	14:13	BJG	S	CONC
8	S95T000227_D	940417B	ICP2	04/17/95	14:18	BJG	S	CONC
9	S95T000227_A	940417B	ICP2	04/17/95	14:22	BJG	S	CONC
10	ICSA	940417B	ICP2	04/17/95	14:30	BJG	Q	CONC
11	ICSAB	940417B	ICP2	04/17/95	14:34	BJG	Q	CONC
12	CCV	940417B	ICP2	04/17/95	14:55	BJG	Q	CONC
13	CCB	940417B	ICP2	04/17/95	14:59	BJG	Q	CONC

Spike
S95T000227
Spike 1015
Dup 1139
3mL 7mL

WHC-SD-WM-DP-080, REV. 1
09/25/95

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 452 TO 455.

#	Sample Name	Ag	Al	As	B	Ba	Be
1	ICV	5.018	5.054	5.149	4.996	4.928	5.264
2	ICB	-.0007	-.0026	-.0079	.0076	-.0001	.0000
3	ICSA	.0004	245.9	-.0554	.0092	.0019	.0003
4	ICSAB	.9892	248.1	-.0405	.0102	.4689	.4999
5	PREPBLKTJA	.0093	.2154	.0167	.0212	.0200	.0004
6	S95T000227_L	44.35	22630.	-554.9	-68.02	883.9	6.814
7	S95T000227_	57.92	23650.	-251.9	11.09	887.8	1.937
8	S95T000227_D	97.53	28910.	-92.82	83.38	1040.	1.672
9	S95T000227_A	7844.	31650.	8690.	7717.	8162.	8322.
10	ICSA	.0016	235.9	.0441	.0104	.0020	.0003
11	ICSAB	1.020	247.6	.0037	.0031	.4634	.5162
12	CCV	5.357	5.219	Q5.569	5.175	5.090	Q5.572
13	CCB	.0009	.0000	-.0079	.0077	.0002	.0002

#	Sample Name	Bi	Ca	Cd	Ce	Co	Cr
1	ICV	5.113	5.079	5.106	5.079	5.087	5.106
2	ICB	-.0015	.0017	.0001	-.0031	-.0029	-.0012
3	ICSA	.0473	247.7	.0007	.0041	.0034	.0009
4	ICSAB	.0580	249.9	.9593	.0039	.4744	.4757
5	PREPBLKTJA	-7.034	.5347	.0045	.0488	.0183	.0187
6	S95T000227_L	-16010.	2670.	319.3	542.3	59.78	1073.
7	S95T000227_	-17270.	1843.	307.0	700.4	46.38	1044.
8	S95T000227_D	-15690.	2266.	362.2	846.6	43.17	1306.
9	S95T000227_A	-8999.	10760.	8882.	8524.	8423.	9578.
10	ICSA	.1147	266.5	-.0000	.0144	.0031	-.0005
11	ICSAB	.1122	272.5	1.026	.0051	.5033	.5029
12	CCV	5.464	Q5.825	Q5.647	5.266	Q5.595	Q5.628
13	CCB	.0251	.0276	-.0001	.0019	-.0009	-.0000

#	Sample Name	Cu	Eu	Fe	K	La	Li
1	ICV	5.082	.0041	5.098	4.904	5.032	5.101
2	ICB	.0000	.0001	.0001	-.0514	.0001	-.0005
3	ICSA	-.0082	-.0149	91.76	.0116	-.0035	.0025
4	ICSAB	.4828	-.0157	94.03	.0580	-.0015	.9854
5	PREPBLKTJA	.0614	.0157	.1908	9988.	.0028	.0101
6	S95T000227_L	375.4	144.4	116100.	25e6	332.1	163.0
7	S95T000227_	369.4	34.41	115500.	25e6	335.8	91.08
8	S95T000227_D	455.4	37.36	139600.	23e6	375.5	106.8
9	S95T000227_A	7985.	53.43	127900.	25e6	7921.	7470.
10	ICSA	-.0058	-.0508	96.27	.1756	-.0014	.0076
11	ICSAB	.4711	-.0538	98.52	-.1372	-.0029	.9316
12	CCV	5.146	.0078	Q5.537	4.806	5.185	4.918
13	CCB	-.0006	.0032	.0080	-.0057	-.0004	.0021

WHC-SD-WM-DP-~~080~~ 097, REV.

#	Sample Name	Mg	Mn	Mo	Na	Nd	Ni
1	ICV	5.057	4.967	5.051	5.044	5.208	5.058
2	ICB	-.0042	.0001	-.0013	-.0012	-.0013	.0027
3	ICSA	244.8	-.0043	-.0100	193.5	.0078	-.0122
4	ICSAB	254.6	.4647	-.0114	197.1	.0056	.9339
5	PREPBLKTJA	.1126	.0542	.0050	3.260	.0067	1.498
6	S95T000227_L	1048.	4624.	128.4	44430.	916.5	40900.
7	S95T000227	660.6	4607.	34.58	45290.	820.9	40380.
8	S95T000227_D	478.7	6085.	-18.25	52310.	861.1	86680.
9	S95T000227_A	7919.	12860.	8553.	52180.	8528.	50480.
10	ICSA	245.4	-.0007	-.0132	180.4	.0012	.0036
11	ICSAB	256.7	.4919	-.0128	189.7	-.0043	.9688
12	CCV	5.218	5.458	Q5.532	5.023	5.303	Q5.583
13	CCB	.0042	.0013	-.0006	.0309	-.0009	.0019

#	Sample Name	P	Pb	S	Sb	Se	Si
1	ICV	5.116	5.074	5.101	4.839	5.089	4.997
2	ICB	.0153	.0086	.0036	.0000	.0035	.0040
3	ICSA	.0775	.0660	-.0118	.0034	.0732	.0237
4	ICSAB	.0825	1.044	.0579	-.0040	.0990	.0208
5	PREPBLKTJA	.1554	.2837	.0362	.0056	-1.866	.3890
6	S95T000227_L	3676.	10700.	479.8	-150.0	-3729.	16210.
7	S95T000227	3287.	7967.	942.9	-121.0	-4717.	16550.
8	S95T000227_D	1618.	9127.	948.0	-83.48	-4358.	20300.
9	S95T000227_A	12100.	17370.	9286.	8018.	3983.	25730.
10	ICSA	.1013	.1933	.0123	.0036	.1777	.0575
11	ICSAB	.1028	1.199	.0180	.0129	.1852	.0412
12	CCV	Q5.561	Q5.695	5.459	5.186	Q5.542	5.411
13	CCB	.0482	.0689	.0166	-.0132	.0488	.0254

#	Sample Name	Sm	Sr	Th	Ti	Tl	U
1	ICV	5.045	4.989	-.1024	4.925	4.918	9.923
2	ICB	.0004	-.0000	-.0029	.0000	-.0098	.0041
3	ICSA	-.0051	.0007	-.0303	.0017	.0404	.1648
4	ICSAB	-.0054	-.0006	-.0286	.0020	.0420	.1667
5	PREPBLKTJA	.1280	.0020	.1536	.0043	-.1378	-2.275
6	S95T000227_L	1504.	121.6	533.9	243.9	-1073.	1757.
7	S95T000227	391.0	104.4	1022.	216.1	-462.1	-3228.
8	S95T000227_D	476.4	128.0	1083.	265.4	-202.8	-1861.
9	S95T000227_A	7981.	7574.	922.6	7954.	7654.	11960.
10	ICSA	.0358	.0002	-.0332	.0023	-.0134	.1975
11	ICSAB	.0292	-.0008	-.0300	.0020	.0022	.1437
12	CCV	5.159	5.124	-.1037	5.169	5.385	10.17
13	CCB	.0317	.0001	-.0105	-.0002	-.0101	.1369

099 [illegible] 9/12/95

WHC-SD-WM-DP-~~010~~, REV. 1

#	Sample Name	V	Y	Zn	Zr
1	ICV	4.963	.0103	5.141	4.999
2	ICB	-.0004	.0001	.0008	.0002
3	ICSA	.0009	.0066	-.0138	-.0014
4	ICSAB	.4799	.0065	.9832	-.0007
5	PREPBLKTJA	.0347	.0057	.0472	.0117
6	S95T000227_L	379.4	182.4	282.2	5033.
7	S95T000227	98.89	123.5	164.6	4904.
8	S95T000227_D	119.9	141.9	231.0	2460.
9	S95T000227_A	8192.	149.2	8884.	12930.
10	ICSA	.0118	.0090	-.0185	.0058
11	ICSAB	.5081	.0085	1.047	.0053
12	CCV	5.354	.0129	Q5.630	5.297
13	CCB	.0083	.0017	.0010	.0049

04/18/95

09/12/95

WHC-SD-WM-DP-080, REV. 1

File No: 941206a

LABCORE Data Entry Template for Worklist# 205

Analyst: K Sato **Instrument:** ICP01 **Method:** LA-505-151 D-1

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-080, REV. 1 OPP 9/25/95

Seg	Type	Sample#	Rep	Al	Test		Matrix	Actual	Found	DL	Unit
1	ICV				@ICP-QC	AG	QC			N/A	ug/g
1	ICV				@ICP-QC	AL	QC			N/A	ug/g
1	ICV				@ICP-QC	AS	QC			N/A	ug/g
1	ICV				@ICP-QC	B	QC			N/A	ug/g
1	ICV				@ICP-QC	BA	QC			N/A	ug/g
1	ICV				@ICP-QC	BE	QC			N/A	ug/g
1	ICV				@ICP-QC	BI	QC			N/A	ug/g
1	ICV				@ICP-QC	CA	QC			N/A	ug/g
1	ICV				@ICP-QC	CD	QC			N/A	ug/g
1	ICV				@ICP-QC	CE	QC			N/A	ug/g
1	ICV				@ICP-QC	CO	QC			N/A	u
1	ICV				@ICP-QC	CR	QC			N/A	ug/g
1	ICV				@ICP-QC	CU	QC			N/A	ug/g
1	ICV				@ICP-QC	FE	QC			N/A	ug/g
1	ICV				@ICP-QC	K	QC			N/A	ug/g
1	ICV				@ICP-QC	LA	QC			N/A	ug/g
1	ICV				@ICP-QC	LI	QC			N/A	ug/g
1	ICV				@ICP-QC	MG	QC			N/A	ug/g
1	ICV				@ICP-QC	MN	QC			N/A	ug/g
1	ICV				@ICP-QC	MO	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103)

WHC-SD-WM-DP-~~080~~ 099, REV 1 JMW 9/25/95

Seg	Type	Sample#	Rep Al	Test		Matrix	Actual	Found	DL	Unit
1	ICV			@ICP-QC	NA	QC			N/A	ug/g
1	ICV			@ICP-QC	ND	QC			N/A	ug/g
1	ICV			@ICP-QC	NI	QC			N/A	ug/g
1	ICV			@ICP-QC	P	QC			N/A	ug/g
1	ICV			@ICP-QC	PB	QC			N/A	ug/g
1	ICV			@ICP-QC	S	QC			N/A	ug/g
1	ICV			@ICP-QC	SB	QC			N/A	ug/g
1	ICV			@ICP-QC	SE	QC			N/A	ug/g
1	ICV			@ICP-QC	SI	QC			N/A	ug/g
1	ICV			@ICP-QC	SM	QC			N/A	ug/g
1	ICV			@ICP-QC	SR	QC			N/A	ug/g
1	ICV			@ICP-QC	TL	QC			N/A	ug/g
1	ICV			@ICP-QC	U	QC			N/A	ug/g
1	ICV			@ICP-QC	V	QC			N/A	ug/g
1	ICV			@ICP-QC	ZN	QC			N/A	ug/g
1	ICV			@ICP-QC	ZR	QC			N/A	ug/g
1	ICV			@ICP-QC	TI	QC			N/A	ug/g
2	ICB			@ICP-QC	AG	QC			N/A	ug/g
2	ICB			@ICP-QC	AL	QC			N/A	ug/g
2	ICB			@ICP-QC	AS	QC			N/A	ug/g
2	ICB			@ICP-QC	B	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-~~080~~ 099, REV. 1

Seg	Type	Sample#	Rep Al	Test	Matrix	Actual	Found	DL	Unit
2	ICB			@ICP-QC BA	QC			N/A	ug/g
2	ICB			@ICP-QC BE	QC			N/A	ug/g
2	ICB			@ICP-QC BI	QC			N/A	ug/g
2	ICB			@ICP-QC CA	QC			N/A	ug/g
2	ICB			@ICP-QC CD	QC			N/A	ug/g
2	ICB			@ICP-QC CE	QC			N/A	ug/g
2	ICB			@ICP-QC CO	QC			N/A	ug/g
2	ICB			@ICP-QC CR	QC			N/A	ug/g
2	ICB			@ICP-QC CU	QC			N/A	ug/g
2	ICB			@ICP-QC FE	QC			N/A	ug/g
2	ICB			@ICP-QC K	QC			N/A	ug
2	ICB			@ICP-QC LA	QC			N/A	ug/g
2	ICB			@ICP-QC LI	QC			N/A	ug/g
2	ICB			@ICP-QC MG	QC			N/A	ug/g
2	ICB			@ICP-QC MN	QC			N/A	ug/g
2	ICB			@ICP-QC MO	QC			N/A	ug/g
2	ICB			@ICP-QC NA	QC			N/A	ug/g
2	ICB			@ICP-QC ND	QC			N/A	ug/g
2	ICB			@ICP-QC NI	QC			N/A	ug/g
2	ICB			@ICP-QC P	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-~~080~~ 099, REV. 1 [illegible] 12/5/95

Seg	Type	Sample#	Rep Al	Test		Matrix	Actual	Found	DL	Unit
2	ICB			@ICP-QC	PB	QC			N/A	ug/g
2	ICB			@ICP-QC	S	QC			N/A	ug/g
2	ICB			@ICP-QC	SB	QC			N/A	ug/g
2	ICB			@ICP-QC	SE	QC			N/A	ug/g
2	ICB			@ICP-QC	SI	QC			N/A	ug/g
2	ICB			@ICP-QC	SM	QC			N/A	ug/g
2	ICB			@ICP-QC	SR	QC			N/A	ug/g
2	ICB			@ICP-QC	TL	QC			N/A	ug/g
2	ICB			@ICP-QC	U	QC			N/A	ug/g
2	ICB			@ICP-QC	V	QC			N/A	ug/g
2	ICB			@ICP-QC	ZN	QC			N/A	ug/g
2	ICB			@ICP-QC	ZR	QC			N/A	ug/g
2	ICB			@ICP-QC	TI	QC			N/A	ug/g
3	ICSA			@ICP-QC	AG	QC			N/A	ug/g
3	ICSA			@ICP-QC	AL	QC			N/A	ug/g
3	ICSA			@ICP-QC	AS	QC			N/A	ug/g
3	ICSA			@ICP-QC	B	QC			N/A	ug/g
3	ICSA			@ICP-QC	BA	QC			N/A	ug/g
3	ICSA			@ICP-QC	BE	QC			N/A	ug/g
3	ICSA			@ICP-QC	BI	QC			N/A	ug/g
3	ICSA			@ICP-QC	CA	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-~~060~~ 069, REV. 1 9/25/95

Seg	Type	Sample#	Rep	Al	Test		Matrix	Actual	Found	DL	Unit
3	ICSA				@ICP-QC	CD	QC			N/A	ug/g
3	ICSA				@ICP-QC	CE	QC			N/A	ug/g
3	ICSA				@ICP-QC	CO	QC			N/A	ug/g
3	ICSA				@ICP-QC	CR	QC			N/A	ug/g
3	ICSA				@ICP-QC	CU	QC			N/A	ug/g
3	ICSA				@ICP-QC	FE	QC			N/A	ug/g
3	ICSA				@ICP-QC	K	QC			N/A	ug/g
3	ICSA				@ICP-QC	LA	QC			N/A	ug/g
3	ICSA				@ICP-QC	LI	QC			N/A	ug/g
3	ICSA				@ICP-QC	MG	QC			N/A	ug/g
3	ICSA				@ICP-QC	MN	QC			N/A	u
3	ICSA				@ICP-QC	MO	QC			N/A	ug/g
3	ICSA				@ICP-QC	NA	QC			N/A	ug/g
3	ICSA				@ICP-QC	ND	QC			N/A	ug/g
3	ICSA				@ICP-QC	NI	QC			N/A	ug/g
3	ICSA				@ICP-QC	P	QC			N/A	ug/g
3	ICSA				@ICP-QC	PB	QC			N/A	ug/g
3	ICSA				@ICP-QC	S	QC			N/A	ug/g
3	ICSA				@ICP-QC	SB	QC			N/A	ug/g
3	ICSA				@ICP-QC	SE	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-~~[illegible]~~, REV. 1 9/25/95

Seg	Type	Sample#	Rep Al	Test		Matrix	Actual	Found	DL	Unit
3	ICSA			@ICP-QC	SI	QC			N/A	ug/g
3	ICSA			@ICP-QC	SM	QC			N/A	ug/g
3	ICSA			@ICP-QC	SR	QC			N/A	ug/g
3	ICSA			@ICP-QC	TL	QC			N/A	ug/g
3	ICSA			@ICP-QC	U	QC			N/A	ug/g
3	ICSA			@ICP-QC	V	QC			N/A	ug/g
3	ICSA			@ICP-QC	ZN	QC			N/A	ug/g
3	ICSA			@ICP-QC	ZR	QC			N/A	ug/g
3	ICSA			@ICP-QC	TI	QC			N/A	ug/g
4	ICSAB			@ICP-QC	AG	QC			N/A	ug/g
4	ICSAB			@ICP-QC	AL	QC			N/A	ug/g
4	ICSAB			@ICP-QC	AS	QC			N/A	ug/g
4	ICSAB			@ICP-QC	B	QC			N/A	ug/g
4	ICSAB			@ICP-QC	BA	QC			N/A	ug/g
4	ICSAB			@ICP-QC	BE	QC			N/A	ug/g
4	ICSAB			@ICP-QC	BI	QC			N/A	ug/g
4	ICSAB			@ICP-QC	CA	QC			N/A	ug/g
4	ICSAB			@ICP-QC	CD	QC			N/A	ug/g
4	ICSAB			@ICP-QC	CE	QC			N/A	ug/g
4	ICSAB			@ICP-QC	CO	QC			N/A	ug/g
4	ICSAB			@ICP-QC	CR	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) HC-SD-WM-DP-~~080~~ 077, REV. 1 9/25/95

Seg	Type	Sample#	Rep	Al	Test		Matrix	Actual	Found	DL	Unit
4	ICSAB				@ICP-QC	CU	QC			N/A	ug/g
4	ICSAB				@ICP-QC	FE	QC			N/A	ug/g
4	ICSAB				@ICP-QC	K	QC			N/A	ug/g
4	ICSAB				@ICP-QC	LA	QC			N/A	ug/g
4	ICSAB				@ICP-QC	LI	QC			N/A	ug/g
4	ICSAB				@ICP-QC	MG	QC			N/A	ug/g
4	ICSAB				@ICP-QC	MN	QC			N/A	ug/g
4	ICSAB				@ICP-QC	MO	QC			N/A	ug/g
4	ICSAB				@ICP-QC	NA	QC			N/A	ug/g
4	ICSAB				@ICP-QC	ND	QC			N/A	ug/g
4	ICSAB				@ICP-QC	NI	QC			N/A	u
4	ICSAB				@ICP-QC	P	QC			N/A	ug/g
4	ICSAB				@ICP-QC	PB	QC			N/A	ug/g
4	ICSAB				@ICP-QC	S	QC			N/A	ug/g
4	ICSAB				@ICP-QC	SB	QC			N/A	ug/g
4	ICSAB				@ICP-QC	SE	QC			N/A	ug/g
4	ICSAB				@ICP-QC	SI	QC			N/A	ug/g
4	ICSAB				@ICP-QC	SM	QC			N/A	ug/g
4	ICSAB				@ICP-QC	SR	QC			N/A	ug/g
4	ICSAB				@ICP-QC	TL	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103)

WHC-SD-WM-DP-~~2899~~ 2800, REV. 1 9/25/95

Seg	Type	Sample#	Rep	Al	Test		Matrix	Actual	Found	DL	Unit
4	ICSAB				@ICP-QC	U	QC			N/A	ug/g
4	ICSAB				@ICP-QC	V	QC			N/A	ug/g
4	ICSAB				@ICP-QC	ZN	QC			N/A	ug/g
4	ICSAB				@ICP-QC	ZR	QC			N/A	ug/g
4	ICSAB				@ICP-QC	TI	QC			N/A	ug/g
5	SAMPLE	S94T000200	0	D	@ICP-D03	LI-D-01	LIQUID	N/A			ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	AG-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	AL-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	AS-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	B-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	BA-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	BE-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	BI-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	CA-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	CD-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	CE-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	CO-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	CR-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	CU-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	FE-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	K-D-01	LIQUID			N/A	ug/mL

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151, 9/26/95

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-880, REV. 1

Seg	Type	Sample#	Rep	Al	Test	Matrix	Actual	Found	DL	Unit
6	DUP	S94T000200	0	D	@ICP-D03 LA-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 LI-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 MG-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 MN-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 MO-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 NA-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 ND-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 NI-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 P-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 PB-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 S-D-01	LIQUID			N/A	u
6	DUP	S94T000200	0	D	@ICP-D03 SB-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 SE-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 SI-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 SM-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 SR-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 TL-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 U-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 V-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03 ZN-D-01	LIQUID			N/A	ug/mL

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151 9/25 AS

Worklist Comment: ICP Acid Dil'n Li only (C-103)

WHC-SD-WM-DP-~~050~~ 099 Rev 1, REV. 1

Seg	Type	Sample#	Rep	Al	Test		Matrix	Actual	Found	DL	Unit
6	DUP	S94T000200	0	D	@ICP-D03	ZR-D-01	LIQUID			N/A	ug/mL
6	DUP	S94T000200	0	D	@ICP-D03	TI-D-01	LIQUID			N/A	ug/mL
7	ICSA				@ICP-QC	AG	QC			N/A	ug/g
7	ICSA				@ICP-QC	AL	QC			N/A	ug/g
7	ICSA				@ICP-QC	AS	QC			N/A	ug/g
7	ICSA				@ICP-QC	B	QC			N/A	ug/g
7	ICSA				@ICP-QC	BA	QC			N/A	ug/g
7	ICSA				@ICP-QC	BE	QC			N/A	ug/g
7	ICSA				@ICP-QC	BI	QC			N/A	ug/g
7	ICSA				@ICP-QC	CA	QC			N/A	ug/g
7	ICSA				@ICP-QC	CD	QC			N/A	ug/g
7	ICSA				@ICP-QC	CE	QC			N/A	ug/g
7	ICSA				@ICP-QC	CO	QC			N/A	ug/g
7	ICSA				@ICP-QC	CR	QC			N/A	ug/g
7	ICSA				@ICP-QC	CU	QC			N/A	ug/g
7	ICSA				@ICP-QC	FE	QC			N/A	ug/g
7	ICSA				@ICP-QC	K	QC			N/A	ug/g
7	ICSA				@ICP-QC	LA	QC			N/A	ug/g
7	ICSA				@ICP-QC	LI	QC			N/A	ug/g
7	ICSA				@ICP-QC	MG	QC			N/A	ug/g
7	ICSA				@ICP-QC	MN	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

9/25/95

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-~~080~~099, REV.1

Seg	Type	Sample#	Rep Al	Test		Matrix	Actual	Found	DL	Unit
7	ICSA			@ICP-QC	MO	QC			N/A	ug/g
7	ICSA			@ICP-QC	NA	QC			N/A	ug/g
7	ICSA			@ICP-QC	ND	QC			N/A	ug/g
7	ICSA			@ICP-QC	NI	QC			N/A	ug/g
7	ICSA			@ICP-QC	P	QC			N/A	ug/g
7	ICSA			@ICP-QC	PB	QC			N/A	ug/g
7	ICSA			@ICP-QC	S	QC			N/A	ug/g
7	ICSA			@ICP-QC	SB	QC			N/A	ug/g
7	ICSA			@ICP-QC	SE	QC			N/A	ug/g
7	ICSA			@ICP-QC	SI	QC			N/A	ug/g
7	ICSA			@ICP-QC	SM	QC			N/A	ug/g
7	ICSA			@ICP-QC	SR	QC			N/A	ug/g
7	ICSA			@ICP-QC	TL	QC			N/A	ug/g
7	ICSA			@ICP-QC	U	QC			N/A	ug/g
7	ICSA			@ICP-QC	V	QC			N/A	ug/g
7	ICSA			@ICP-QC	ZN	QC			N/A	ug/g
7	ICSA			@ICP-QC	ZR	QC			N/A	ug/g
7	ICSA			@ICP-QC	TI	QC			N/A	ug/g
8	ICSAB			@ICP-QC	AG	QC			N/A	ug/g
8	ICSAB			@ICP-QC	AL	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-~~140~~ 099, REV. 1

Seg	Type	Sample#	Rep	Al	Test		Matrix	Actual	Found	DL	Unit
8	ICSAB				@ICP-QC	AS	QC			N/A	ug/g
8	ICSAB				@ICP-QC	B	QC			N/A	ug/g
8	ICSAB				@ICP-QC	BA	QC			N/A	ug/g
8	ICSAB				@ICP-QC	BE	QC			N/A	ug/g
8	ICSAB				@ICP-QC	BI	QC			N/A	ug/g
8	ICSAB				@ICP-QC	CA	QC			N/A	ug/g
8	ICSAB				@ICP-QC	CD	QC			N/A	ug/g
8	ICSAB				@ICP-QC	CE	QC			N/A	ug/g
8	ICSAB				@ICP-QC	CO	QC			N/A	ug/g
8	ICSAB				@ICP-QC	CR	QC			N/A	ug/g
8	ICSAB				@ICP-QC	CU	QC			N/A	ug/g
	ICSAB				@ICP-QC	FE	QC			N/A	ug/g
8	ICSAB				@ICP-QC	K	QC			N/A	ug/g
8	ICSAB				@ICP-QC	LA	QC			N/A	ug/g
8	ICSAB				@ICP-QC	LI	QC			N/A	ug/g
8	ICSAB				@ICP-QC	MG	QC			N/A	ug/g
8	ICSAB				@ICP-QC	MN	QC			N/A	ug/g
8	ICSAB				@ICP-QC	MO	QC			N/A	ug/g
8	ICSAB				@ICP-QC	NA	QC			N/A	ug/g
8	ICSAB				@ICP-QC	ND	QC			N/A	ug/g
8	ICSAB				@ICP-QC	NI	QC			N/A	ug/g

Data-Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-~~000~~ 99, REV. 1

Seg	Type	Sample#	Rep Al	Test		Matrix	Actual	Found	DL	Unit
8	ICSAB			@ICP-QC	P	QC			N/A	ug/g
8	ICSAB			@ICP-QC	PB	QC			N/A	ug/g
8	ICSAB			@ICP-QC	S	QC			N/A	ug/g
8	ICSAB			@ICP-QC	SB	QC			N/A	ug/g
8	ICSAB			@ICP-QC	SE	QC			N/A	ug/g
8	ICSAB			@ICP-QC	SI	QC			N/A	ug/g
8	ICSAB			@ICP-QC	SM	QC			N/A	ug/g
8	ICSAB			@ICP-QC	SR	QC			N/A	ug/g
8	ICSAB			@ICP-QC	TL	QC			N/A	ug/g
8	ICSAB			@ICP-QC	U	QC			N/A	ug/g
8	ICSAB			@ICP-QC	V	QC			N/A	ug/g
8	ICSAB			@ICP-QC	ZN	QC			N/A	ug/g
8	ICSAB			@ICP-QC	ZR	QC			N/A	ug/g
8	ICSAB			@ICP-QC	TI	QC			N/A	ug/g
9	CCV			@ICP-QC	AG	QC			N/A	ug/g
9	CCV			@ICP-QC	AL	QC			N/A	ug/g
9	CCV			@ICP-QC	AS	QC			N/A	ug/g
9	CCV			@ICP-QC	B	QC			N/A	ug/g
9	CCV			@ICP-QC	BA	QC			N/A	ug/g
9	CCV			@ICP-QC	BE	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103)

WHC-SD-WM-DP-050099 REV. 1

Seg	Type	Sample#	Rep Al	Test		Matrix	Actual	Found	DL	Unit
9	CCV			@ICP-QC	BI	QC			N/A	ug/g
9	CCV			@ICP-QC	CA	QC			N/A	ug/g
9	CCV			@ICP-QC	CD	QC			N/A	ug/g
9	CCV			@ICP-QC	CE	QC			N/A	ug/g
9	CCV			@ICP-QC	CO	QC			N/A	ug/g
9	CCV			@ICP-QC	CR	QC			N/A	ug/g
9	CCV			@ICP-QC	CU	QC			N/A	ug/g
9	CCV			@ICP-QC	FE	QC			N/A	ug/g
9	CCV			@ICP-QC	K	QC			N/A	ug/g
9	CCV			@ICP-QC	LA	QC			N/A	ug/g
9	CCV			@ICP-QC	LI	QC			N/A	ug/g
9	CCV			@ICP-QC	MG	QC			N/A	ug/g
9	CCV			@ICP-QC	MN	QC			N/A	ug/g
9	CCV			@ICP-QC	MO	QC			N/A	ug/g
9	CCV			@ICP-QC	NA	QC			N/A	ug/g
9	CCV			@ICP-QC	ND	QC			N/A	ug/g
9	CCV			@ICP-QC	NI	QC			N/A	ug/g
9	CCV			@ICP-QC	P	QC			N/A	ug/g
9	CCV			@ICP-QC	PB	QC			N/A	ug/g
9	CCV			@ICP-QC	S	QC			N/A	ug/g
9	CCV			@ICP-QC	SB	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151 11/15/95

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-080099, REV 1

Seg	Type	Sample#	Rep Al	Test		Matrix	Actual	Found	DL	Unit
9	CCV			@ICP-QC	SE	QC			N/A	ug/g
9	CCV			@ICP-QC	SI	QC			N/A	ug/g
9	CCV			@ICP-QC	SM	QC			N/A	ug/g
9	CCV			@ICP-QC	SR	QC			N/A	ug/g
9	CCV			@ICP-QC	TL	QC			N/A	ug/g
9	CCV			@ICP-QC	U	QC			N/A	ug/g
9	CCV			@ICP-QC	V	QC			N/A	ug/g
9	CCV			@ICP-QC	ZN	QC			N/A	ug/g
9	CCV			@ICP-QC	ZR	QC			N/A	ug/g
9	CCV			@ICP-QC	TI	QC			N/A	ug/g
10	CCB			@ICP-QC	AG	QC			N/A	ug
10	CCB			@ICP-QC	AL	QC			N/A	ug/g
10	CCB			@ICP-QC	AS	QC			N/A	ug/g
10	CCB			@ICP-QC	B	QC			N/A	ug/g
10	CCB			@ICP-QC	BA	QC			N/A	ug/g
10	CCB			@ICP-QC	BE	QC			N/A	ug/g
10	CCB			@ICP-QC	BI	QC			N/A	ug/g
10	CCB			@ICP-QC	CA	QC			N/A	ug/g
10	CCB			@ICP-QC	CD	QC			N/A	ug/g
10	CCB			@ICP-QC	CE	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: _____ **Instrument:** ICP01 _____ **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-080099, REV. 1

Seg	Type	Sample#	Rep	Al	Test		Matrix	Actual	Found	DL	Unit
10	CCB				@ICP-QC	CO	QC			N/A	ug/g
10	CCB				@ICP-QC	CR	QC			N/A	ug/g
10	CCB				@ICP-QC	CU	QC			N/A	ug/g
10	CCB				@ICP-QC	FE	QC			N/A	ug/g
10	CCB				@ICP-QC	K	QC			N/A	ug/g
10	CCB				@ICP-QC	LA	QC			N/A	ug/g
10	CCB				@ICP-QC	LI	QC			N/A	ug/g
10	CCB				@ICP-QC	MG	QC			N/A	ug/g
10	CCB				@ICP-QC	MN	QC			N/A	ug/g
10	CCB				@ICP-QC	MO	QC			N/A	ug/g
10	CCB				@ICP-QC	NA	QC			N/A	ug/g
10	CCB				@ICP-QC	ND	QC			N/A	ug/g
10	CCB				@ICP-QC	NI	QC			N/A	ug/g
10	CCB				@ICP-QC	P	QC			N/A	ug/g
10	CCB				@ICP-QC	PB	QC			N/A	ug/g
10	CCB				@ICP-QC	S	QC			N/A	ug/g
10	CCB				@ICP-QC	SB	QC			N/A	ug/g
10	CCB				@ICP-QC	SE	QC			N/A	ug/g
10	CCB				@ICP-QC	SI	QC			N/A	ug/g
10	CCB				@ICP-QC	SM	QC			N/A	ug/g
10	CCB				@ICP-QC	SR	QC			N/A	ug/g

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 205

Analyst: JK Soto **Instrument:** ICP01 **Method:** LA-505-151

Worklist Comment: ICP Acid Dil'n Li only (C-103) WHC-SD-WM-DP-~~080~~ 099, REV. 1

Seg	Type	Sample#	Rep Al	Test	Matrix	Actual	Found	DL	Unit
10	CCB			@ICP-QC TL	QC			N/A	ug/g
10	CCB			@ICP-QC U	QC			N/A	ug/g
10	CCB			@ICP-QC V	QC			N/A	ug/g
10	CCB			@ICP-QC ZN	QC			N/A	ug/g
10	CCB			@ICP-QC ZR	QC			N/A	ug/g
10	CCB			@ICP-QC TI	QC			N/A	ug/g

Final page for worklist # 205

JK Soto
Analyst Signature

12-12-94
Date

Brian Wels
12-12-94

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 562

Analyst: KRM **Instrument:** TOC01 **Book #** 10N12 R

Method: LA-344-105 Rev/Mod B-3 WHC-SD-WM-DP-099, REV. 1

Worklist Comment: C-103 TOC by combustion

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT	
		1	BLNK				TOC-01	LIQUID	1	<5.00	N/A	ug/mL	
		2	STD				TOC-01	LIQUID	3.00E03	2.92E03	N/A	ug/mL	
94000012	C-103	3	SAMPLE	S94T000200	0		TOC-01	LIQUID	N/A	7.81E03	~~5.00~~ 155.0	ug/mL	RWS 3/23/95
94000012	C-103	4	DUP	S94T000200	0		TOC-01	LIQUID	7.81E03	7.61E03	N/A	ug/mL	
94000012	C-103	5	SPK	S94T000200	0		TOC-01	LIQUID	100	93.3	N/A	ug/mL	
94000012	C-103	6	SAMPLE	S95T000112	0		TOC-01	LIQUID	N/A	7.56E03	~~5.00~~ 155.0	ug/mL	RWS 3/23/95
94000012	C-103	7	DUP	S95T000112	0		TOC-01	LIQUID	7.56E03	7.66E03	N/A	ug/mL	
95000013	C-103	8	SAMPLE	S95T000212	0		TOC-01	LIQUID	N/A	<5.50	5.50	ug/mL	
5000013	C-103	9	DUP	S95T000212	0		TOC-01	LIQUID	<5.50	<5.50	N/A	ug/mL	
		10	STD				TOC-01	LIQUID	3.00E03	2.93E03	N/A	ug/mL	

Final page for worklist # 562

3-14-95
Analyst Signature **Date**

3-15-95
Analyst Signature **Date**

Reviewed by Robert W. Schroeder 3-23-95

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TOC: LA-344-105 (B-2)

WORKLIST #	ANALYST SIGNATURE	ANALYSIS DATE	ANALYSIS TIME	INSTRUMENT CODE
562	[signature]	3-14-95		

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = STD # = INITIAL BLK

SAMPLE VOL. (mL) .200mL
H2SO4 VOL. ADDED to SAMPLE
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☒ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = STD # = 10N12F

SAMPLE VOL. (mL) .200mL
H2SO4 VOL. ADDED to SAMPLE 2mL
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☒ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = 594T000200 STD # =

SAMPLE VOL. (mL) .200 mL
H2SO4 VOL. ADDED to SAMPLE 6mL
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☐ SAMPLE ☐ STANDARD ☒ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = 594T000200 STD # =

SAMPLE VOL. (mL) .200mL
H2SO4 VOL. ADDED to SAMPLE 6mL
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

474

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☒ SPIKE 11N12F ☐ REAGENT BLANK

SAMPLE # = STD # =

SAMPLE VOL. (mL) .200mL
H2SO4 VOL. ADDED to SAMPLE 6mL
ALIQUOT of SPARGED SAMPLE to be SPIKED .400mL
SPIKE VOL. (mL) .400mL
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☒ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = 595T000112 STD # =

SAMPLE VOL. (mL) .200mL
H2SO4 VOL. ADDED to SAMPLE 6mL
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☐ SAMPLE ☐ STANDARD ☒ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = 595T000112 STD # =

SAMPLE VOL. (mL) .200 mL
H2SO4 VOL. ADDED to SAMPLE 6mL
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☒ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = 595T000212 STD # =

SAMPLE VOL. (mL) 2mL
H2SO4 VOL. ADDED to SAMPLE .2mL
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

WHC-SD-WM-DP-072, REV. 1

TOC: LA-344-105 (B-2)

WORKLIST #	ANALYST SIGNATURE	ANALYSIS DATE	ANALYSIS TIME	INSTRUME. CODE

☐ SAMPLE ☐ STANDARD ☒ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = 595T000212 STD # =

SAMPLE VOL. (mL) 2mL
H2SO4 VOL. ADDED to SAMPLE .2mL
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☒ REAGENT BLANK

SAMPLE # = STD # =

SAMPLE VOL. (mL) .200
H2SO4 VOL. ADDED to SAMPLE
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = STD # =

SAMPLE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = STD # =

SAMPLE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

475

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = STD # =

SAMPLE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = STD # =

SAMPLE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = STD # =

SAMPLE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

☐ SAMPLE ☐ STANDARD ☐ DUPLICATE ☐ PREP BLANK ☐ SPIKE ☐ REAGENT BLANK

SAMPLE # = STD # =

SAMPLE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE
ALIQUOT of SPARGED SAMPLE to be SPIKED
SPIKE VOL. (mL)
H2SO4 VOL. ADDED to SAMPLE+SPIKE

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/14/95 Time: 18:19:53

Sample Size = 200 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	0.00	0.00
3	1.51	0.60	100.00
4	2.01	1.00	40.00
5	2.51	1.50	33.33
6	3.01	1.80	16.67
7	3.51	2.20	18.18
8	4.01	2.60	15.38
9	4.51	2.90	10.34
10	5.01	3.20	9.37
11	5.51	3.50	8.57
12	6.01	3.80	7.89
13	6.51	4.10	7.32
14	7.00	4.40	6.82

WHC-SD-WM-DP-~~060~~ 099, REV. 1
9/25/95

SIGNATURE ABOVE REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 476 TO 480.

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

Sample Run By: KR MONTEITH 00000 3-14-95

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: R BLK Date: 03/14/95 Time: 21:41:26

Sample Size = 200 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	0.80	75.00
3	1.51	1.00	20.00
4	2.01	1.20	16.67
5	2.51	1.50	20.00
6	3.01	1.80	16.67
7	3.51	2.00	10.00
8	4.01	2.30	13.04
9	4.51	2.60	11.54
10	5.01	2.70	3.70
11	5.51	3.00	10.00
12	6.01	3.20	6.25
13	6.50	3.50	8.57
14	7.00	3.70	5.41

WHC-SD-WM-DP- 080, REV. 0
099 JLW 11/23/96

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(3.7 - 4.4)(1)/(200) = < 5.00 E-3 g/L Carbon
(3.7 - 4.4)(1)/(200)(12) = < 4.17 E-4 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 03/14/95 Time: 18:41:24

Sample Size = 200 uL Analyst : KR MONTEITH
Dil Factor = 11 Min Readings = 14
Blank ID # = BLK Max Readings = 14
Blank Value = .6281443 ug/minute C % Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	8.50	0.00
2	1.01	42.00	79.76
3	1.50	49.80	15.66
4	2.00	52.50	5.14
5	2.50	53.80	2.42
6	3.00	54.60	1.47
7	3.50	55.20	1.09
8	4.00	55.70	0.90
9	4.50	56.00	0.54
10	5.00	56.40	0.71
11	5.50	56.60	0.35
12	6.00	56.90	0.53
13	6.50	57.20	0.52
14	7.00	57.50	0.52

WHC-SD-WM-OP-~~040~~ 041, REV. 1 [illegible]

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(57.5 - 4.39954)(11)/(200) = +2.92E+00 g/L Carbon
(57.5 - 4.39954)(11)/(200)(12) = +2.43E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 200 Date: 03/14/95 Time: 19:13:05

Sample Size = 200 uL
Dil Factor = 31
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.40	0.00
2	1.01	28.10	98.58
3	1.51	41.60	32.45
4	2.00	45.70	8.97
5	2.51	48.20	5.19
6	3.01	50.10	3.79
7	3.51	51.10	1.96
8	4.01	52.10	1.92
9	4.51	52.70	1.14
10	5.01	53.20	0.94
11	5.51	53.60	0.75
12	6.01	54.00	0.74
13	6.51	54.40	0.74
14	7.00	54.80	0.73

WHC-SD-WM-DP-080, REV. 1
299 gpw 9/25/95

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(54.8 - 4.400077)(31)/(200) = +7.81E+00 g/L Carbon
(54.8 - 4.400077)(31)/(200)(12) = +6.51E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 200 DUP Date: 03/14/95 Time: 19:33:52

Sample Size = 200 uL
Dil Factor = 31
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.60	0.00
2	1.01	31.90	98.12
3	1.51	43.00	25.81
4	2.01	46.50	7.53
5	2.51	48.40	3.93
6	3.01	49.80	2.81
7	3.51	50.60	1.58
8	4.01	51.20	1.17
9	4.51	51.70	0.97
10	5.01	52.10	0.77
11	5.51	52.50	0.76
12	6.01	52.80	0.57
13	6.51	53.10	0.56
14	7.00	53.50	0.75

WHC-SD-WM-DP- ~~050~~ 099, REV. 1 JLN 9/25/95

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(53.5 - 4.400077)(31)/(200) = +7.61E+00 g/L Carbon
(53.5 - 4.400077)(31)/(200)(12) = +6.34E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

PLACE ANALYTICAL CARD IN BOX BELOW-DO NOT WRITE IN SPACE

WHC-SD-WM-DP-~~680~~ 099, REV. 1

TOC: LA-344-105 SPIKED SAMPLE

SPIKE

Type	>>>>>> Sample Vial Data <<<<<<		>>>>> Spiked Vial Data <<<<<	
SPIKE	Sample Volume in mL	0.200	Sample Size in mL (SS)	0.400
Work List	H2SO4 Volume in mL	6.000	Spike Volume in mL	0.400
562	Volume Injected in mL	0.200	H2SO4 Volume in mL	0.000
Test Code	µg of Carbon in Sample	54.8	Volume Injected in mL	0.200
TOC-01	µg of Carbon in Blank	4.4	Sample Pre-Spike Dil. Factor (PDF)	31
Matrix			Spike Value (µg/ml)	748
LIQUID			µg C in Sample + Spike	99.4
Sample #			µg C in Blank	4.4
S94T000200				
Instrument Code				
TOC01				
Analyst				
KR MONTEITH				
Date				
03/14/95				
Time				
07:42 PM				

PERCENT SPIKE RECOVERY = $\frac{\text{µg Carbon Recovered from Spike} * 100}{\text{µg Carbon in Spike}}$

WHERE : µg Carbon Recovered from Spike =
[(µgC in sample + spike - µgC in blank) * (Spike Correction Factor)]
- [(µgC sample - µgC blank) * (Sample Correction Factor) * (Sample Size Correction Factor) * (PDF)

Spike Correction Factor = $\frac{\text{Total volume in spiked sample vial (mL)}}{\text{Volume injected (mL)}}$

Sample Correction Factor = $\frac{\text{Total volume in sample vial (mL)}}{\text{Volume injected (mL)}}$

Sample Size Correction Factor = $\frac{\text{Sample size in (mL) in spiked vial}}{\text{Sample size (mL) in sample}}$

Sample Pre-Spike Dilution Factor = $\frac{1}{\text{Dilution of Sample Before Added to Spike Vial}}$

WHERE : µg Carbon in Spike = Spike Value (µg/mL) * Spike Volume (mL)

Percent Spike Recovery 93.3%

Data Entry by:		Date: 14-Mar-95
Approved by:		Date: 3/23/95

Form X Rev. 1.1

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080 REV. 1

Sample: 200 + SPK Date: 03/14/95 Time: 19:42:10

Sample Size = 200 uL
Dil Factor = 62
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.50	0.00
2	1.01	59.00	97.46
3	1.51	79.30	25.60
4	2.01	88.50	10.40
5	2.50	92.50	4.32
6	3.00	94.70	2.32
7	3.50	96.00	1.35
8	4.00	96.90	0.93
9	4.50	97.50	0.62
10	5.00	98.00	0.51
11	5.50	98.40	0.41
12	6.00	98.80	0.40
13	6.50	99.10	0.30
14	7.00	99.40	0.30

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(99.4 - 4.398927)(62)/(200) = +2.95E+01 g/L Carbon
(99.4 - 4.398927)(62)/(200)(12) = +2.45E+00 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~060~~ 099, REV.1

Sample: 112 Date: 03/14/95 Time: 19:56:34

Sample Size = 200 uL
Dil Factor = 31
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.00	0.00
2	1.01	31.00	96.77
3	1.51	42.80	27.57
4	2.01	46.60	8.15
5	2.51	48.60	4.12
6	3.01	49.60	2.02
7	3.51	50.40	1.59
8	4.01	50.90	0.98
9	4.50	51.50	1.17
10	5.00	51.80	0.58
11	5.50	52.20	0.77
12	6.00	52.60	0.76
13	6.51	52.80	0.38
14	7.00	53.20	0.75

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(53.2 - 4.4)(31)/(200) = +7.56E+00 g/L Carbon
(53.2 - 4.4)(31)/(200)(12) = +6.30E-01 Molar Carbon

Sample Run By: _____
KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1 9/15/95

Sample: 112 DUP Date: 03/14/95 Time: 20:04:34

Sample Size = 200 uL
Dil Factor = 31
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.70	0.00
2	1.01	29.80	97.65
3	1.51	42.30	29.55
4	2.01	46.30	8.64
5	2.51	48.50	4.54
6	3.01	50.00	3.00
7	3.51	50.60	1.19
8	4.01	51.40	1.56
9	4.51	51.90	0.96
10	5.01	52.30	0.76
11	5.50	52.80	0.95
12	6.00	53.10	0.56
13	6.50	53.40	0.56
14	7.00	53.80	0.74

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(53.8 - 4.399387)(31)/(200) = +7.66E+00 g/L Carbon
(53.8 - 4.399387)(31)/(200)(12) = +6.38E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT 099 [illegible] 3/25/95
TICTOC REV 2.0
WHC-SD-WM-DP-[illegible], REV. 1

Sample: 212 Date: 03/14/95 Time: 21:25:22

Sample Size = 200 uL
Dil Factor = 1.1
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	1.20	83.33
3	1.51	1.40	14.29
4	2.01	1.80	22.22
5	2.51	2.00	10.00
6	3.01	2.20	9.09
7	3.51	2.50	12.00
8	4.01	2.70	7.41
9	4.51	3.00	10.00
10	5.01	3.20	6.25
11	5.51	3.50	8.57
12	6.00	3.70	5.41
13	6.50	3.90	5.13
14	7.00	4.20	7.14

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(4.2 - 4.399464)(1.1)/(200) = < 5.~~0~~5 DH 3-14-95 E-3 g/L Carbon
(4.2 - 4.399464)(1.1)/(200)(12) = < 4.17 E-4 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~040~~ 059, REV. 1 9/25/95

Sample: 212 DUP Date: 03/14/95 Time: 21:33:20

Sample Size = 200 uL
Dil Factor = 1.1
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	1.00	80.00
3	1.51	1.40	28.57
4	2.01	1.70	17.65
5	2.51	1.90	10.53
6	3.01	2.10	9.52
7	3.51	2.40	12.50
8	4.01	2.70	11.11
9	4.51	2.90	6.90
10	5.01	3.20	9.37
11	5.51	3.40	5.88
12	6.01	3.60	5.56
13	6.51	3.90	7.69
14	7.00	4.10	4.88

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(4.1 - 4.400077)(1.1)/(200) = < 5.00 E-3 g/L Carbon
(4.1 - 4.400077)(1.1)/(200)(12) = < 4.17 E-4 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

099 RW 9/25/95

WHC-SD-WM-DP-~~040~~, REV. 1

Sample: STD Date: 03/14/95 Time: 22:02:43

Sample Size = 200 uL
Dil Factor = 11
Blank ID # = BLK
Blank Value = .6281443 ug/minute C

Analyst : KR MONTEITH
Min Readings = 14
Max Readings = 14
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.00	0.00
2	1.01	34.90	97.13
3	1.51	47.00	25.74
4	2.01	50.70	7.30
5	2.51	52.80	3.98
6	3.01	54.10	2.40
7	3.50	54.90	1.46
8	4.00	55.50	1.08
9	4.50	56.00	0.89
10	5.00	56.30	0.53
11	5.50	56.70	0.71
12	6.00	57.10	0.70
13	6.50	57.30	0.35
14	7.00	57.60	0.52

BLANK VALUE = 4.4 micrograms carbon
BLANK FACTOR = 4.4 / 7.004761 = +6.3E-01 ug/min Carbon

SAMPLE RESULTS:
(57.6 - 4.399464)(11)/(200) = +2.93E+00 g/L Carbon
(57.6 - 4.399464)(11)/(200)(12) = +2.44E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

LABCORE Data Entry Template for Worklist# 740

Analyst: KRM **Instrument:** TIC01 **Book #** 10N12F

Method: LA-342-100 Rev/Mod A-0

Worklist Comment: TOC-02 KRM C-103

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK				TOC-02	LIQUID	1	21.0	N/A	ug/mL
		2	STD				TOC-02	LIQUID	3.00E3	2.80E3	N/A	ug/mL
95000013	C-103	3	SAMPLE	S95T000220	0		TOC-02	LIQUID	N/A	6.75E3	N/A	ug/mL
95000013	C-103	4	DUP	S95T000220	0		TOC-02	LIQUID	6.75E3	6.76E3	N/A	ug/mL

Final page for worklist # 740

3-18-95
Analyst Signature **Date**

3 21 95
Analyst Signature **Date**

WARNING - RESULTS EXCEEDS PARAMETERS.
Reviewed RW

Data Entry Comments: 0.100 mL Sample Size and Duplicate.

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>> WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample: BLK Date: 03/18/95 Time: 00:14:50

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.00	0.10	100.00
3	1.50	0.40	75.00
4	2.00	0.70	42.86
5	2.50	0.90	22.22
6	3.00	1.00	10.00
7	3.50	1.20	16.67
8	4.00	1.30	7.69
9	4.50	1.40	7.14
10	5.00	1.50	6.67
11	5.50	1.60	6.25
12	6.00	1.70	5.88
13	6.50	1.80	5.56
14	7.00	1.90	5.26
15	7.50	2.00	5.00
16	8.00	2.10	4.76
17	8.50	2.20	4.55
18	9.00	2.20	0.00
19	9.50	2.30	4.35
20	10.00	2.40	4.17
21	10.50	2.50	4.00
22	11.00	2.60	3.85

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 489 TO 490.

BLANK VALUE = 2.6 micrograms carbon
BLANK FACTOR = 2.6 / 11.00067 = +2.4E-01 ug/min Carbon

Sample Run By: Ra Schwoeln 3/28/95 for KR Monteith
KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0 WHC-SD-WM-DP-~~080~~ 099, REV. 1
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/18/95 Time: 01:01:18

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	3.20	93.75
3	1.51	6.60	51.52
4	2.00	9.90	33.33
5	2.50	12.20	18.85
6	3.00	13.50	9.63
7	3.50	14.40	6.25
8	4.00	15.00	4.00
9	4.50	15.10	0.66
10	5.00	15.30	1.31
11	5.50	15.30	0.00
12	6.00	15.40	0.65
13	6.50	15.40	0.00
14	7.00	15.50	0.65
15	7.50	15.50	0.00
16	8.00	15.60	0.64
17	8.50	15.60	0.00
18	9.00	15.80	1.27
19	9.50	15.80	0.00
20	10.00	15.80	0.00
21	10.50	15.90	0.63
22	11.00	15.90	0.00

BLANK VALUE = 15.9 micrograms carbon
BLANK FACTOR = 15.9 / 10.99967 = +1.45E+00 ug/min Carbon

Sample Run By: _____
KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample: STD Date: 03/18/95 Time: 02:51:35

Sample Size = 1000 uL
Dil Factor = 1
Blank ID # =
Blank Value = .24 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.90	0.00
2	1.01	75.80	97.49
3	1.50	250.80	69.78
4	2.00	395.50	36.59
5	2.50	489.20	19.15
6	3.00	537.60	9.00
7	3.50	557.20	3.52
8	4.00	563.80	1.17
9	4.50	566.70	0.51
10	5.00	568.00	0.23
11	5.50	568.90	0.16
12	6.00	569.60	0.12
13	6.50	570.50	0.16
14	7.00	571.00	0.09
15	7.50	571.50	0.09
16	8.00	571.80	0.05
17	8.50	572.10	0.05
18	9.00	572.30	0.03
19	9.50	572.60	0.05
20	10.00	572.80	0.03
21	10.50	573.00	0.03
22	11.00	573.20	0.03

USER INPUT BLANK VALUE
BLANK VALUE = 2.63992 micrograms carbon
BLANK FACTOR = 2.63992 / 10.99967 = +2.4E-01 ug/min Carbon

SAMPLE RESULTS:
(573.2 - 2.639923)(1)/(1000) = +5.706E-01 g/L Carbon
(573.2 - 2.639923)(1)/(1000)(12) = +4.755E-02 Molar Carbon

Sample Run By: KR MONTEITH 00000

15N12E 1m2

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-088, REV. 1

Sample: STD Date: 03/18/95 Time: 03:02:58

Sample Size = 300 uL
Dil Factor = 1
Blank ID # =
Blank Value = 1.45 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	37.60	0.00
2	1.00	354.30	89.39
3	1.50	714.90	50.44
4	2.00	808.00	11.52
5	2.50	834.30	3.15
6	3.00	841.50	0.86
7	3.50	844.40	0.34
8	4.00	846.20	0.21
9	4.50	847.70	0.18
10	5.00	849.00	0.15
11	5.50	850.10	0.13
12	6.00	850.90	0.09
13	6.50	851.60	0.08
14	7.00	852.40	0.09
15	7.50	853.00	0.07
16	8.00	853.60	0.07
17	8.50	854.10	0.06
18	9.00	854.50	0.05
19	9.50	854.90	0.05
20	10.00	855.40	0.06
21	10.50	855.90	0.06
22	11.00	856.30	0.05

USER INPUT BLANK VALUE
BLANK VALUE = 15.94952 micrograms carbon
BLANK FACTOR = 15.94952 / 10.99967 = +1.5E+00 ug/min Carbon

SAMPLE RESULTS:
(856.3 - 15.94832)(1)/(300) = +2.801E+00 g/L Carbon
(856.3 - 15.94832)(1)/(300)(12) = +2.334E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

10N12F

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

099 [illegible] 9/26/95

WHC-SD-WM-DP-180, REV. 1

Sample: 220 Date: 03/18/95 Time: 03:16:09

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .24 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.40	0.00
2	1.01	35.30	98.87
3	1.50	167.30	78.90
4	2.00	313.30	46.60
5	2.50	416.20	24.72
6	3.00	470.80	11.60
7	3.50	493.00	4.50
8	4.00	501.00	1.60
9	4.50	504.30	0.65
10	5.00	506.20	0.38
11	5.50	507.50	0.26
12	6.00	508.60	0.22
13	6.50	509.50	0.18
14	7.00	510.20	0.14
15	7.50	510.80	0.12
16	8.00	511.40	0.12
17	8.50	511.90	0.10
18	9.00	512.40	0.10
19	9.50	512.80	0.08
20	10.00	513.20	0.08
21	10.50	513.50	0.06
22	11.00	513.80	0.06

USER INPUT BLANK VALUE
BLANK VALUE = 2.63992 micrograms carbon
BLANK FACTOR = 2.63992 / 10.99967 = +2.4E-01 ug/min Carbon

SAMPLE RESULTS:
(513.8 - 2.639718)(1)/(1) = +5.112E+02 g/L Carbon
(513.8 - 2.639718)(1)/(1)(12) = +4.260E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.1056g ⇒ .100mL

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099 Rev 9/25/95, REV. 1

Sample: 220 Date: 03/18/95 Time: 03:29:41

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 1.45 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	4.10	0.00
2	1.01	121.10	96.61
3	1.51	395.10	69.35
4	2.00	559.20	29.35
5	2.50	623.40	10.30
6	3.00	648.70	3.90
7	3.50	659.50	1.64
8	4.00	666.00	0.98
9	4.50	671.50	0.82
10	5.00	674.90	0.50
11	5.50	678.10	0.47
12	6.00	680.50	0.35
13	6.50	682.10	0.23
14	7.00	683.50	0.20
15	7.50	684.60	0.16
16	8.00	685.50	0.13
17	8.50	686.80	0.19
18	9.00	688.00	0.17
19	9.50	688.90	0.13
20	10.00	689.70	0.12
21	10.50	690.30	0.09
22	11.00	690.80	0.07

USER INPUT BLANK VALUE
BLANK VALUE = 15.94952 micrograms carbon
BLANK FACTOR = 15.94952 / 10.99967 = +1.5E+00 ug/min Carbon

SAMPLE RESULTS:
(690.8 - 15.94708)(1)/(1) = +6.749E+02 g/L Carbon
(690.8 - 15.94708)(1)/(1)(12) = +5.624E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.1056g → .100mL

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0 WHC-SD-WM-DP-~~080~~ 039, REV. 1

Sample: 220 Date: 03/18/95 Time: 03:41:37

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .24 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.50	0.00
2	1.01	26.40	98.11
3	1.50	137.20	80.76
4	2.00	278.40	50.72
5	2.50	389.60	28.54
6	3.00	454.90	14.35
7	3.50	484.40	6.09
8	4.00	494.60	2.06
9	4.50	499.10	0.90
10	5.00	501.20	0.42
11	5.50	502.90	0.34
12	6.00	504.20	0.26
13	6.50	505.30	0.22
14	7.00	506.20	0.18
15	7.50	506.90	0.14
16	8.00	507.70	0.16
17	8.50	508.20	0.10
18	9.00	508.80	0.12
19	9.50	509.30	0.10
20	10.00	509.80	0.10
21	10.50	510.20	0.08
22	11.00	510.70	0.10

USER INPUT BLANK VALUE
BLANK VALUE = 2.63992 micrograms carbon
BLANK FACTOR = 2.63992 / 10.99967 = +2.4E-01 ug/min Carbon

SAMPLE RESULTS:
(510.7 - 2.639916)(1)/(1) = +5.081E+02 g/L Carbon
(510.7 - 2.639916)(1)/(1)(12) = +4.234E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.1040g ⇒ .100m

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080, REV. 1

Sample: 220 Date: 03/18/95 Time: 03:54:10

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 1.45 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	4.80	0.00
2	1.01	104.60	95.41
3	1.51	368.60	71.62
4	2.00	545.80	32.47
5	2.50	618.30	11.73
6	3.00	648.40	4.64
7	3.50	661.30	1.95
8	4.00	668.30	1.05
9	4.50	673.60	0.79
10	5.00	677.10	0.52
11	5.50	679.80	0.40
12	6.00	681.90	0.31
13	6.50	683.60	0.25
14	7.00	685.00	0.20
15	7.50	686.50	0.22
16	8.00	687.70	0.17
17	8.50	688.60	0.13
18	9.00	689.50	0.13
19	9.50	690.20	0.10
20	10.00	690.80	0.09
21	10.50	691.30	0.07
22	11.00	691.90	0.09

USER INPUT BLANK VALUE
BLANK VALUE = 15.94952 micrograms carbon
BLANK FACTOR = 15.94952 / 10.99967 = +1.5E+00 ug/min Carbon

SAMPLE RESULTS:
(691.9 - 15.94832)(1)/(1) = +6.760E+02 g/L Carbon
(691.9 - 15.94832)(1)/(1)(12) = +5.633E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

496

.1040g ⇒ .100mc

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT 99 KW 9/2 5/95
TICTOC REV 2.0
WHC-SD-WM-DP-080, REV. 1

Sample: R BLK Date: 03/18/95 Time: 06:24:42

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .24 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.30	0.00
2	1.01	2.90	89.66
3	1.50	4.20	30.95
4	2.00	4.80	12.50
5	2.50	5.00	4.00
6	3.00	5.20	3.85
7	3.50	5.30	1.89
8	4.00	5.40	1.85
9	4.50	5.50	1.82
10	5.00	5.60	1.79
11	5.50	5.70	1.75
12	6.00	5.80	1.72
13	6.50	5.90	1.69
14	7.00	5.90	0.00
15	7.50	6.10	3.28
16	8.00	6.10	0.00
17	8.50	6.20	1.61
18	9.00	6.30	1.59
19	9.50	6.40	1.56
20	10.00	6.40	0.00
21	10.50	6.50	1.54
22	11.00	6.60	1.52

USER INPUT BLANK VALUE
BLANK VALUE = 2.63992 micrograms carbon
BLANK FACTOR = 2.63992 / 10.99967 = +2.4E-01 ug/min Carbon

SAMPLE RESULTS:
(6.6 - 2.640161)(1)/(1) = +4.0E+00 g/L Carbon
(6.6 - 2.640161)(1)/(1)(12) = +3.3E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0714/2

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

099 JW 3/20/95

WHC-SD-WM-DP- 080, REV. 1

Sample: R BLK Date: 03/18/95 Time: 06:37:50

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 1.45 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.40	0.00
2	1.01	5.80	93.10
3	1.50	11.50	49.57
4	2.01	13.70	16.06
5	2.50	14.90	8.05
6	3.00	15.80	5.70
7	3.50	16.50	4.24
8	4.00	17.00	2.94
9	4.50	17.70	3.95
10	5.00	18.10	2.21
11	5.50	18.50	2.16
12	6.00	18.80	1.60
13	6.50	19.20	2.08
14	7.00	19.40	1.03
15	7.50	19.80	2.02
16	8.00	20.00	1.00
17	8.50	20.10	0.50
18	9.00	20.30	0.99
19	9.50	20.50	0.98
20	10.00	20.70	0.97
21	10.50	20.80	0.48
22	11.00	21.00	0.95

USER INPUT BLANK VALUE
BLANK VALUE = 15.94952 micrograms carbon
BLANK FACTOR = 15.94952 / 10.99967 = +1.5E+00 ug/min Carbon

SAMPLE RESULTS:
(21 - 15.94969)(1)/(1) = +5.05E+00 g/L Carbon
(21 - 15.94969)(1)/(1)(12) = +4.21E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0714

LABCORE Data Entry Template for Worklist# 746

Analyst: KRM **Instrument:** TIC01 **Book #** 10N12F

Method: LA-342-100 Rev/Mod A-0

WHC-SD-WM-DP-040, REV. 1 099 9/12/95

Worklist Comment: TOC-02 KRM C-103

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK				TOC-02	LIQUID	1	33.8	N/A	ug/mL
		2	STD				TOC-02	LIQUID	3.00e3	2.90e3	N/A	ug/mL
95000013	C-103	3	SAMPLE	S95T000214	0		TOC-02	LIQUID	N/A	7.13e3	80.0	ug/mL
95000013	C-103	4	DUP	S95T000214	0		TOC-02	LIQUID	7.15e3	6.80e3	N/A	ug/mL
95000013	C-103	5	SPK	S95T000214	0		TOC-02	LIQUID	100	84.7	N/A	ug/mL
95000013	C-103	6	SAMPLE	S95T000218	0		TOC-02	LIQUID	RWG 3/21/95 N/A	7.20e3 ~~5.95e3~~	80.0	ug/mL
95000013	C-103	7	DUP	S95T000218	0		TOC-02	LIQUID	RWG 3/21/95 ~~5.95e3~~ 7.20e3	7.34e3	N/A	ug/mL
95000013	C-103	8	SAMPLE	S95T000222	0		TOC-02	LIQUID	N/A	5.95e3	80.0	ug/mL
95000013	C-103	9	DUP	S95T000222	0		TOC-02	LIQUID	5.95e3	6.07e3	N/A	ug/mL

Final page for worklist # 746

3-21-95
Analyst Signature **Date**

Analyst Signature **Date**

3-21-95
Reviewed Ron Schroeder 3/21/95

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/14/95 Time: 17:01:23

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.10	0.00
2	1.01	0.30	66.67
3	1.51	0.60	50.00
4	2.01	1.00	40.00
5	2.50	1.30	23.08
6	3.00	1.40	7.14
7	3.50	1.60	12.50
8	4.00	1.70	5.88
9	4.50	1.80	5.56
10	5.00	1.90	5.26
11	5.50	2.10	9.52
12	6.00	2.20	4.55
13	6.50	2.30	4.35
14	7.00	2.40	4.17
15	7.50	2.50	4.00
16	8.00	2.60	3.85
17	8.50	2.70	3.70
18	9.00	2.80	3.57
19	9.50	2.90	3.45
20	10.00	3.00	3.33
21	10.50	3.10	3.23
22	11.00	3.20	3.13

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 502 **TO** 519.

BLANK VALUE = 3.2 micrograms carbon
BLANK FACTOR = 3.2 / 10.99982 = +2.9E-01 ug/min Carbon

Sample Run By: KR MONTEITH 3-14-95 00000

WHC-SD-WM-DP-080, REV. 1
089 9/25/95

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/14/95 Time: 18:01:46

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	3.10	100.00
3	1.50	10.40	70.19
4	2.00	17.30	39.88
5	2.50	20.50	15.61
6	3.00	21.90	6.39
7	3.50	22.70	3.52
8	4.00	23.40	2.99
9	4.50	24.00	2.50
10	5.00	24.50	2.04
11	5.50	25.00	2.00
12	6.00	26.10	4.21
13	6.50	27.00	3.33
14	7.00	28.20	4.26
15	7.50	30.00	6.00
16	8.00	31.00	3.23
17	8.50	31.60	1.90
18	9.00	32.00	1.25
19	9.50	32.30	0.93
20	10.00	32.70	1.22
21	10.50	33.20	1.51
22	11.00	33.80	1.78

BLANK VALUE = 33.8 micrograms carbon
BLANK FACTOR = 33.8 / 11.00153 = +3.07E+00 ug/min Carbon

<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

WHC-SD-WM-DP-080, REV. 1

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 03/14/95 Time: 18:49:42

Sample Size = 1000 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.20	0.00
2	1.01	9.60	87.50
3	1.51	143.20	93.30
4	2.01	356.00	59.78
5	2.51	496.00	28.23
6	3.01	560.70	11.54
7	3.51	587.00	4.48
8	4.01	596.40	1.58
9	4.51	599.30	0.48
10	5.01	600.60	0.22
11	5.51	601.30	0.12
12	6.01	602.00	0.12
13	6.51	602.50	0.08
14	7.00	602.90	0.07
15	7.50	603.30	0.07
16	8.00	603.60	0.05
17	8.50	603.90	0.05
18	9.00	604.20	0.05
19	9.50	604.40	0.03
20	10.00	604.60	0.03
21	10.50	604.80	0.03
22	11.00	605.00	0.03

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(605 - 3.190212)(1)/(1000) = +6.018E-01 g/L Carbon
(605 - 3.190212)(1)/(1000)(12) = +5.015E-02 Molar Carbon

Sample Run By: KR MONTEITH 099 00000

WHC-SD-WM-DP- 661, REV. 1 JA 9/25/95

502

1mL - 15N 12E

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 03/14/95 Time: 19:03:06

Sample Size = 250 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.30	0.00
2	1.01	71.70	99.58
3	1.50	375.90	80.93
4	2.00	633.50	40.66
5	2.50	710.70	10.86
6	3.00	735.20	3.33
7	3.50	743.20	1.08
8	4.00	746.50	0.44
9	4.50	748.60	0.28
10	5.00	750.00	0.19
11	5.50	751.30	0.17
12	6.00	752.30	0.13
13	6.50	753.20	0.12
14	7.00	754.00	0.11
15	7.50	754.80	0.11
16	8.00	755.40	0.08
17	8.50	756.00	0.08
18	9.00	756.50	0.07
19	9.50	757.00	0.07
20	10.00	757.50	0.07
21	10.50	757.90	0.05
22	11.00	758.30	0.05

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(758.3 - 33.76363)(1)/(250) = +2.898E+00 g/L Carbon
(758.3 - 33.76363)(1)/(250)(12) = +2.415E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

503 WHC-SD-WM-DP-~~060~~ 099, REV. 1

.250 mL - 10N12 F

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 214 Date: 03/14/95 Time: 21:37:12

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.60	0.00
2	1.01	16.20	96.30
3	1.50	129.40	87.48
4	2.00	267.40	51.61
5	2.50	381.60	29.93
6	3.00	460.20	17.08
7	3.50	506.00	9.05
8	4.00	529.10	4.37
9	4.50	539.80	1.98
10	5.00	544.80	0.92
11	5.50	547.90	0.57
12	6.00	550.20	0.42
13	6.50	552.20	0.36
14	7.00	553.90	0.31
15	7.50	555.20	0.23
16	8.00	556.50	0.23
17	8.50	557.50	0.18
18	9.00	558.50	0.18
19	9.50	559.30	0.14
20	10.00	560.10	0.14
21	10.50	560.90	0.14
22	11.00	561.50	0.11

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(561.5 - 3.189894)(1)/(1) = +5.583E+02 g/L Carbon
(561.5 - 3.189894)(1)/(1)(12) = +4.653E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000 9/26/95

WHC-SD-WM-DP-~~080~~ 099, REV. 1

.1023g ⇒ .100mc

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 214 Date: 03/14/95 Time: 21:48:56

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.40	0.00
2	1.01	29.60	98.65
3	1.51	174.40	83.03
4	2.00	414.50	57.93
5	2.50	572.50	27.60
6	3.00	650.00	11.92
7	3.50	689.40	5.72
8	4.00	707.60	2.57
9	4.50	718.30	1.49
10	5.00	724.50	0.86
11	5.50	729.00	0.62
12	6.00	732.40	0.46
13	6.50	735.10	0.37
14	7.00	737.40	0.31
15	7.50	739.30	0.26
16	8.00	740.90	0.22
17	8.50	742.10	0.16
18	9.00	743.40	0.17
19	9.50	744.50	0.15
20	10.00	745.60	0.15
21	10.50	746.50	0.12
22	11.00	747.40	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(747.4 - 33.77187)(1)/(1) = +7.136E+02 g/L Carbon
(747.4 - 33.77187)(1)/(1)(12) = +5.947E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000 3/25/95

WHC-SD-WM-DP-~~080~~ 099, REV. 1

.1023g => .100mL

505

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 214 Date: 03/14/95 Time: 22:00:39

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.00	0.00
2	1.01	13.40	92.54
3	1.51	108.10	87.60
4	2.00	244.10	55.71
5	2.50	365.00	33.12
6	3.00	450.10	18.91
7	3.50	501.80	10.30
8	4.00	527.90	4.94
9	4.50	540.20	2.28
10	5.00	545.60	0.99
11	5.50	548.90	0.60
12	6.00	551.50	0.47
13	6.50	553.50	0.36
14	7.00	555.10	0.29
15	7.50	556.60	0.27
16	8.00	557.80	0.22
17	8.50	559.00	0.21
18	9.00	560.10	0.20
19	9.50	561.00	0.16
20	10.00	561.90	0.16
21	10.50	562.70	0.14
22	11.00	563.50	0.14

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(563.5 - 3.189681)(1)/(1) = +5.603E+02 g/L Carbon
(563.5 - 3.189681)(1)/(1)(12) = +4.669E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000 9/26/95

099 ~~099~~

WHC-SD-WM-DP-~~080~~, REV. 1

506

.1053g ⇒ .100mL

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 214 Date: 03/14/95 Time: 22:12:33

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.90	0.00
2	1.01	46.10	95.88
3	1.51	204.50	77.46
4	2.00	423.80	51.75
5	2.50	561.30	24.50
6	3.00	629.40	10.82
7	3.50	662.60	5.01
8	4.00	678.20	2.30
9	4.50	686.90	1.27
10	5.00	692.10	0.75
11	5.50	696.00	0.56
12	6.00	699.20	0.46
13	6.50	701.70	0.36
14	7.00	703.80	0.30
15	7.50	705.50	0.24
16	8.00	706.90	0.20
17	8.50	708.40	0.21
18	9.00	709.90	0.21
19	9.50	711.00	0.15
20	10.00	712.10	0.15
21	10.50	712.90	0.11
22	11.00	713.90	0.14

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(713:9 - 33.76925)(1)/(1) = +6.801E+02 g/L Carbon
(713.9 - 33.76925)(1)/(1)(12) = +5.668E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000 099 KRM 9/25/95

WHC-SD-WM-DP- 030, REV. 1

.1053 g ⇒ .100 mL

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 214 + SPK Date: 03/14/95 Time: 22:24:23

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.80	0.00
2	1.01	13.60	94.12
3	1.51	91.00	85.05
4	2.00	227.30	59.96
5	2.50	368.40	38.30
6	3.00	474.70	22.39
7	3.50	540.30	12.14
8	4.00	573.30	5.76
9	4.50	586.90	2.32
10	5.00	591.90	0.84
11	5.50	594.60	0.45
12	6.00	596.40	0.30
13	6.50	597.80	0.23
14	7.00	599.20	0.23
15	7.50	600.30	0.18
16	8.00	601.20	0.15
17	8.50	602.10	0.15
18	9.00	603.00	0.15
19	9.50	603.80	0.13
20	10.00	604.50	0.12
21	10.50	605.10	0.10
22	11.00	605.80	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(605.8 - 3.189929)(1)/(1) = +6.026E+02 g/L Carbon
(605.8 - 3.189929)(1)/(1)(12) = +5.022E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

508 WHC-SD-WM-DP-~~080~~ 099, REV. 1 JW 9/25/95

.0530g ⇒ .050mL + .500mL 15N 12E

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 214 + SPK Date: 03/14/95 Time: 22:36:20

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.90	0.00
2	1.01	36.40	97.53
3	1.51	215.80	83.13
4	2.01	443.80	51.37
5	2.51	549.30	19.21
6	3.01	594.80	7.65
7	3.51	613.30	3.02
8	4.00	621.50	1.32
9	4.50	626.10	0.73
10	5.00	629.40	0.52
11	5.50	631.90	0.40
12	6.00	633.80	0.30
13	6.50	635.60	0.28
14	7.00	637.00	0.22
15	7.50	638.10	0.17
16	8.00	639.20	0.17
17	8.50	640.10	0.14
18	9.00	641.00	0.14
19	9.50	641.90	0.14
20	10.00	642.90	0.16
21	10.50	643.90	0.16
22	11.00	644.60	0.11

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(644.6 - 33.77487)(1)/(1) = +6.108E+02 g/L Carbon
(644.6 - 33.77487)(1)/(1)(12) = +5.090E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

WHC-SD-WM-DP- 080, REV 1
099 AW 9/25/95

Sample Run By: KR MONTEITH 00000

.0530g ⇒ .050mL + .100mL 10N 12F

509

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 222 Date: 03/14/95 Time: 22:47:56

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.10	0.00
2	1.01	12.00	99.17
3	1.51	103.30	88.38
4	2.00	233.90	55.84
5	2.50	349.40	33.06
6	3.00	429.80	18.71
7	3.51	476.90	9.88
8	4.01	499.40	4.51
9	4.50	509.30	1.94
10	5.00	513.70	0.86
11	5.50	516.70	0.58
12	6.00	519.00	0.44
13	6.50	520.80	0.35
14	7.00	522.40	0.31
15	7.50	523.70	0.25
16	8.00	524.90	0.23
17	8.50	525.90	0.19
18	9.00	526.90	0.19
19	9.50	527.80	0.17
20	10.00	528.60	0.15
21	10.50	529.30	0.13
22	11.00	530.00	0.13

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(530 - 3.190248)(1)/(1) = +5.268E+02 g/L Carbon
(530 - 3.190248)(1)/(1)(12) = +4.390E+01 Molar Carbon

WHC-SD-WM-DB-~~060~~ 099, REV. 1
9/25/95

Sample Run By: KR MONTEITH 00000

510

.1067g ⇒ .100mL

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 222 Date: 03/14/95 Time: 22:59:35

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.50	0.00
2	1.01	30.20	98.34
3	1.51	210.40	85.65
4	2.00	424.40	50.42
5	2.50	524.60	19.10
6	3.00	570.40	8.03
7	3.50	590.70	3.44
8	4.00	600.50	1.63
9	4.50	605.80	0.87
10	5.00	609.30	0.57
11	5.50	612.30	0.49
12	6.00	614.60	0.37
13	6.50	616.80	0.36
14	7.00	619.30	0.40
15	7.50	621.20	0.31
16	8.00	622.80	0.26
17	8.50	624.40	0.26
18	9.00	625.70	0.21
19	9.50	626.70	0.16
20	10.00	627.60	0.14
21	10.50	628.20	0.10
22	11.00	628.90	0.11

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(628.9 - 33.77225)(1)/(1) = +5.951E+02 g/L Carbon
(628.9 - 33.77225)(1)/(1)(12) = +4.959E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

WHC-SD-WM-DP-~~080~~ 099 REV. 1

Sample Run By: KR MONTEITH 00000 9/25/95

511

.1067 g ⇒ .100 mL

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 222 Date: 03/14/95 Time: 23:11:14

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.40	0.00
2	1.01	13.60	97.06
3	1.51	108.00	87.41
4	2.00	246.20	56.13
5	2.50	367.30	32.97
6	3.00	445.00	17.46
7	3.50	485.90	8.42
8	4.00	504.10	3.61
9	4.50	512.20	1.58
10	5.00	516.20	0.77
11	5.50	519.10	0.56
12	6.00	521.40	0.44
13	6.50	523.30	0.36
14	7.00	525.00	0.32
15	7.50	526.40	0.27
16	8.00	527.50	0.21
17	8.50	528.70	0.23
18	9.00	529.70	0.19
19	9.50	530.60	0.17
20	10.00	531.50	0.17
21	10.50	532.20	0.13
22	11.00	533.00	0.15

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(533 - 3.189646)(1)/(1) = +5.298E+02 g/L Carbon
(533 - 3.189646)(1)/(1)(12) = +4.415E+01 Molar Carbon

WHC-SD-WM-DP-080, REV. 1

Sample Run By: KR MONTEITH 00000 9/26/95

512

.1063g ⇒ .100mL

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 222 Date: 03/14/95 Time: 23:23:02

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.50	0.00
2	1.01	34.10	98.53
3	1.51	220.50	84.54
4	2.01	438.30	49.69
5	2.51	537.10	18.40
6	3.01	581.40	7.62
7	3.51	600.80	3.23
8	4.01	610.60	1.60
9	4.51	616.10	0.89
10	5.00	621.10	0.81
11	5.50	624.70	0.58
12	6.00	627.30	0.41
13	6.50	629.90	0.41
14	7.00	632.40	0.40
15	7.50	634.30	0.30
16	8.00	635.50	0.19
17	8.50	636.50	0.16
18	9.00	637.40	0.14
19	9.50	638.10	0.11
20	10.00	639.10	0.16
21	10.50	640.20	0.17
22	11.00	641.10	0.14

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(641.1 - 33.76962)(1)/(1) = +6.073E+02 g/L Carbon
(641.1 - 33.76962)(1)/(1)(12) = +5.061E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

WHC-SD-WM-DP-~~080~~, REV. 1
DPP 3/23/95

Sample Run By: KR MONTEITH 00000

.1063g ⇒ .100mL

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 218 Date: 03/14/95 Time: 19:44:25

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.10	0.00
2	1.01	14.50	78.62
3	1.51	95.40	84.80
4	2.00	227.40	58.05
5	2.50	356.10	36.14
6	3.00	450.80	21.01
7	3.50	504.60	10.66
8	4.00	529.60	4.72
9	4.50	540.70	2.05
10	5.00	545.70	0.92
11	5.50	548.60	0.53
12	6.00	550.80	0.40
13	6.50	552.70	0.34
14	7.00	554.20	0.27
15	7.50	555.50	0.23
16	8.00	556.70	0.22
17	8.50	557.70	0.18
18	9.00	558.60	0.16
19	9.50	559.40	0.14
20	10.00	560.10	0.12
21	10.50	560.80	0.12
22	11.00	561.40	0.11

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(561.4 - 3.189646)(1)/(1) = +5.582E+02 g/L Carbon
(561.4 - 3.189646)(1)/(1)(12) = +4.652E+01 Molar Carbon

WHC-SD-WM-DP-080, REV 1
099

Sample Run By: KR MONTEITH 00000

514

.1055g ⇒ .100mL

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 218 Date: 03/14/95 Time: 21:00:40

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.10	0.00
2	1.01	63.90	98.28
3	1.50	300.60	78.74
4	2.00	536.20	43.94
5	2.50	639.70	16.18
6	3.00	685.30	6.65
7	3.50	705.70	2.89
8	4.00	716.50	1.51
9	4.50	723.70	0.99
10	5.00	728.90	0.71
11	5.50	733.10	0.57
12	6.00	736.20	0.42
13	6.50	738.50	0.31
14	7.00	741.10	0.35
15	7.50	743.60	0.34
16	8.00	745.50	0.25
17	8.50	747.20	0.23
18	9.00	748.80	0.21
19	9.50	750.30	0.20
20	10.00	751.50	0.16
21	10.50	752.40	0.12
22	11.00	753.30	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(753.3 - 33.764)(1)/(1) = +7.195E+02 g/L Carbon
(753.3 - 33.764)(1)/(1)(12) = +5.996E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

WHC-SD-WM-DP- ~~080~~ 099 REV. 1 9/25/95

Sample Run By: KR MONTEITH 00000

515

.1055g => .100mc

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 218 Date: 03/14/95 Time: 21:13:25

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	10.50	100.00
3	1.51	96.00	89.06
4	2.01	225.30	57.39
5	2.51	347.40	35.15
6	3.00	437.70	20.63
7	3.50	492.60	11.14
8	4.00	520.70	5.40
9	4.50	533.50	2.40
10	5.00	538.80	0.98
11	5.50	541.70	0.54
12	6.00	543.70	0.37
13	6.50	545.40	0.31
14	7.00	546.80	0.26
15	7.50	547.90	0.20
16	8.00	548.90	0.18
17	8.50	549.90	0.18
18	9.00	550.70	0.15
19	9.50	551.40	0.13
20	10.00	552.10	0.13
21	10.50	552.60	0.09
22	11.00	553.20	0.11

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(553.2 - 3.19046)(1)/(1) = +5.500E+02 g/L Carbon
(553.2 - 3.19046)(1)/(1)(12) = +4.583E+01 Molar Carbon

WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample Run By: KR MONTEITH 00000

.1016g ⇒ .100mL

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 218 Date: 03/14/95 Time: 21:25:12

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.90	0.00
2	1.01	43.00	97.91
3	1.51	216.90	80.18
4	2.00	464.40	53.29
5	2.50	608.40	23.67
6	3.00	676.80	10.11
7	3.51	710.40	4.73
8	4.00	726.30	2.19
9	4.50	734.90	1.17
10	5.00	740.20	0.72
11	5.50	745.50	0.71
12	6.00	749.60	0.55
13	6.50	752.50	0.39
14	7.00	754.80	0.30
15	7.50	757.50	0.36
16	8.00	759.50	0.26
17	8.50	760.90	0.18
18	9.00	762.40	0.20
19	9.50	763.80	0.18
20	10.00	765.10	0.17
21	10.50	766.50	0.18
22	11.00	767.70	0.16

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(767.7 - 33.76888)(1)/(1) = +7.339E+02 g/L Carbon
(767.7 - 33.76888)(1)/(1)(12) = +6.116E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

WHC-CD-WM-DP-~~040~~ 099, REV. 1 3/29/95

Sample Run By: KR MONTEITH 00000

.1016 g ⇒ .100 mL

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: R BLK Date: 03/14/95 Time: 23:34:45

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .29 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	2.30	91.30
3	1.50	4.40	47.73
4	2.00	5.30	16.98
5	2.50	5.70	7.02
6	3.00	6.00	5.00
7	3.50	6.40	6.25
8	4.00	6.70	4.48
9	4.50	7.00	4.29
10	5.00	7.30	4.11
11	5.50	7.50	2.67
12	6.00	7.80	3.85
13	6.50	8.00	2.50
14	7.00	8.30	3.61
15	7.50	8.60	3.49
16	8.00	8.80	2.27
17	8.50	9.10	3.30
18	9.00	9.30	2.15
19	9.50	9.60	3.13
20	10.00	9.80	2.04
21	10.50	10.00	2.00
22	11.00	10.30	2.91

USER INPUT BLANK VALUE
BLANK VALUE = 3.190442 micrograms carbon
BLANK FACTOR = 3.190442 / 11.00153 = +2.9E-01 ug/min Carbon

SAMPLE RESULTS:
(10.3 - 3.189894)(1)/(1) = +7.11E+00 g/L Carbon
(10.3 - 3.189894)(1)/(1)(12) = +5.93E-01 Molar Carbon

WHC-SD-WM-DP- 080, REV. 1
079 4/25/95

Sample Run By: KR MONTEITH 00000

.0761g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: R BLK Date: 03/14/95 Time: 23:51:08

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.07 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	2.80	100.00
3	1.51	8.10	65.43
4	2.00	11.80	31.36
5	2.50	13.70	13.87
6	3.00	14.90	8.05
7	3.50	16.30	8.59
8	4.00	17.30	5.78
9	4.50	18.20	4.95
10	5.00	18.90	3.70
11	5.50	19.70	4.06
12	6.00	20.20	2.48
13	6.50	20.80	2.88
14	7.00	21.40	2.80
15	7.50	21.90	2.28
16	8.00	22.30	1.79
17	8.50	22.70	1.76
18	9.00	23.00	1.30
19	9.50	23.40	1.71
20	10.00	23.70	1.27
21	10.50	24.20	2.07
22	11.00	24.40	0.82

USER INPUT BLANK VALUE
BLANK VALUE = 33.77468 micrograms carbon
BLANK FACTOR = 33.77468 / 11.00153 = +3.1E+00 ug/min Carbon

SAMPLE RESULTS:
(24.4 - 33.76888)(1)/(1) = < 5.00 E-3 g/L Carbon
(24.4 - 33.76888)(1)/(1)(12) = < 4.17 E-4 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

WHC-CD-WM-OP-~~080~~ 099, REV. 1 [illegible] 5/95

Sample Run By: KR MONTEITH 00000

.0761/2

LABCORE Data Entry Template for Worklist# 695

Analyst: KRM **Instrument:** TIC01 **Book #** 15N12E TIC 10N12G TOC

Method: LA-342-100 Rev/Mod A-0

Worklist Comment: @TICTOC1 C-103 KRM 3-9-95

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK				@TICTOC1 TIC-02	SOLID	1	4.50e0 ~~5.0e0~~	RWS 3/14/95 N/A	ug/g
		1	BLNK				@TICTOC1 TOC-02	SOLID	1	2.25e1 ~~8.0e1~~	RWS 3/14/15 N/A	ug/g
		2	STD				@TICTOC1 TIC-02	SOLID	6.00e2	5.96e2	N/A	~~ug/g~~ ug/ml JWB 3/13/
		2	STD				@TICTOC1 TOC-02	SOLID	300e3	2.81e3	N/A	~~ug/g~~ ug/ml JWB 3/13/
94000012	C-103	3	SAMPLE	S95T000038	0		@TICTOC1 TIC-02	SOLID	N/A	6.38e3	5.0e0	ug/g
94000012	C-103	3	SAMPLE	S95T000038	0		@TICTOC1 TOC-02	SOLID	N/A	1.07e4	JWB 3/13/95 8.0e~~0~~1	ug/g
94000012	C-103	4	DUP	S95T000038	0		@TICTOC1 TIC-02	SOLID	6.38e3	6.76e3	N/A	ug/g
94000012	C-103	4	DUP	S95T000038	0		@TICTOC1 TOC-02	SOLID	1.07e4	9.79e3	N/A	ug/g
94000012	C-103	5	SPK	S95T000038	0		@TICTOC1 TIC-02	SOLID	100	88.4	N/A	~~ug/g~~ % JWB 3/13/9
94000012	C-103	5	SPK	S95T000038	0		@TICTOC1 TOC-02	SOLID	100	55.7	N/A	~~ug/g~~ % JWB

Final page for worklist # 695

3-9-95

Analyst Signature **Date**

Analyst Signature **Date**

Data Entry Comments: Data entered by RWS 3/14/95 JWBall FOR RWS

Worklist approved JWBall 3/15/95

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0 WHC-SD-WM-DP-~~080~~ 099, REV. 1
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/09/95 Time: 18:19:02

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.10	0.00
2	1.01	1.20	91.67
3	1.51	1.80	33.33
4	2.00	2.10	14.29
5	2.50	2.40	12.50
6	3.00	2.50	4.00
7	3.50	2.60	3.85
8	4.00	2.70	3.70
9	4.50	2.90	6.90
10	5.00	3.00	3.33
11	5.50	3.10	3.23
12	6.00	3.20	3.13
13	6.50	3.30	3.03
14	7.00	3.50	5.71
15	7.50	3.60	2.78
16	8.00	3.70	2.70
17	8.50	3.90	5.13
18	9.00	4.00	2.50
19	9.50	4.10	2.44
20	10.00	4.20	2.38
21	10.50	4.40	4.55
22	11.00	4.50	2.22

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 521 **TO** 534.

BLANK VALUE = 4.5 micrograms carbon
BLANK FACTOR = 4.5 / 10.99976 = +4.1E-01 ug/min Carbon

Sample Run By: KR MONTEITH 3-9-95
00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0 WHC-SD-WM-DP-~~080~~ 099, REV. 1
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/09/95 Time: 18:38:46

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.30	0.00
2	1.01	11.90	72.27
3	1.50	15.20	21.71
4	2.00	16.90	10.06
5	2.50	17.70	4.52
6	3.00	18.40	3.80
7	3.50	19.00	3.16
8	4.00	19.40	2.06
9	4.50	19.80	2.02
10	5.00	20.10	1.49
11	5.50	20.40	1.47
12	6.00	20.70	1.45
13	6.50	21.00	1.43
14	7.00	21.20	0.94
15	7.50	21.40	0.93
16	8.00	21.60	0.93
17	8.50	21.80	0.92
18	9.00	21.90	0.46
19	9.50	22.10	0.90
20	10.00	22.30	0.90
21	10.50	22.40	0.45
22	11.00	22.50	0.44

BLANK VALUE = 22.5 micrograms carbon
BLANK FACTOR = 22.5 / 11.00061 = +2.05E+00 ug/min Carbon

<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-099, REV. 1

Sample: R BLK Date: 03/09/95 Time: 18:52:54

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .41 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	1.60	100.00
3	1.51	3.40	52.94
4	2.00	3.90	12.82
5	2.50	4.20	7.14
6	3.00	4.40	4.55
7	3.50	4.50	2.22
8	4.00	4.60	2.17
9	4.50	4.70	2.13
10	5.00	4.80	2.08
11	5.50	4.90	2.04
12	6.00	5.00	2.00
13	6.50	5.10	1.96
14	7.00	5.10	0.00
15	7.50	5.20	1.92
16	8.00	5.30	1.89
17	8.50	5.40	1.85
18	9.00	5.50	1.82
19	9.50	5.60	1.79
20	10.00	5.70	1.75
21	10.50	5.80	1.72
22	11.00	5.90	1.69

USER INPUT BLANK VALUE
BLANK VALUE = 4.51025 micrograms carbon
BLANK FACTOR = 4.51025 / 11.00061 = +4.1E-01 ug/min Carbon

SAMPLE RESULTS:
(5.9 - 4.50955)(1)/(1) = +1.4E+00 g/L Carbon
(5.9 - 4.50955)(1)/(1)(12) = +1.2E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample: R BLK Date: 03/09/95 Time: 19:05:17

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.05 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	4.20	100.00
3	1.50	10.40	59.62
4	2.00	13.20	21.21
5	2.50	14.40	8.33
6	3.00	15.00	4.00
7	3.50	15.60	3.85
8	4.00	16.10	3.11
9	4.50	16.50	2.42
10	5.00	16.80	1.79
11	5.50	17.10	1.75
12	6.00	17.40	1.72
13	6.50	17.50	0.57
14	7.00	17.70	1.13
15	7.50	17.90	1.12
16	8.00	18.10	1.10
17	8.50	18.20	0.55
18	9.00	18.30	0.55
19	9.50	18.40	0.54
20	10.00	18.60	1.08
21	10.50	18.70	0.53
22	11.00	18.80	0.53

USER INPUT BLANK VALUE
BLANK VALUE = 22.55125 micrograms carbon
BLANK FACTOR = 22.55125 / 11.00061 = +2.0E+00 ug/min Carbon

SAMPLE RESULTS:
(18.8 - 22.549)(1)/(1) = < 5.00 E-3 g/L Carbon
(18.8 - 22.549)(1)/(1)(12) = < 4.17 E-4 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080-099, REV. 1

Sample: STD Date: 03/09/95 Time: 19:27:40

Sample Size = 750 uL
Dil Factor = 1
Blank ID # =
Blank Value = .41 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	17.20	100.00
3	1.50	153.50	88.79
4	2.00	307.10	50.02
5	2.50	394.00	22.06
6	3.00	430.30	8.44
7	3.50	443.10	2.89
8	4.00	446.90	0.85
9	4.50	447.90	0.22
10	5.00	448.50	0.13
11	5.50	448.90	0.09
12	6.00	449.20	0.07
13	6.50	449.60	0.09
14	7.00	449.80	0.04
15	7.50	450.00	0.04
16	8.00	450.20	0.04
17	8.50	450.50	0.07
18	9.00	450.60	0.02
19	9.50	450.80	0.04
20	10.00	450.90	0.02
21	10.50	451.10	0.04
22	11.00	451.20	0.02

USER INPUT BLANK VALUE
BLANK VALUE = 4.51025 micrograms carbon
BLANK FACTOR = 4.51025 / 11.00061 = +4.1E-01 ug/min Carbon

SAMPLE RESULTS:
(451.2 - 4.50985)(1)/(750) = +5.956E-01 g/L Carbon
(451.2 - 4.50985)(1)/(750)(12) = +4.963E-02 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099 pw 9/25/95, REV. 1

Sample: STD Date: 03/09/95 Time: 19:44:51

Sample Size = 250 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.05 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.60	0.00
2	1.00	212.30	99.25
3	1.50	557.50	61.92
4	2.00	678.40	17.82
5	2.50	707.30	4.09
6	3.00	715.80	1.19
7	3.50	718.20	0.33
8	4.00	719.90	0.24
9	4.50	721.00	0.15
10	5.00	721.90	0.12
11	5.50	722.50	0.08
12	6.00	723.00	0.07
13	6.50	723.40	0.06
14	7.00	723.80	0.06
15	7.50	724.20	0.06
16	8.00	724.60	0.06
17	8.50	724.80	0.03
18	9.00	725.10	0.04
19	9.50	725.40	0.04
20	10.00	725.60	0.03
21	10.50	725.80	0.03
22	11.00	726.00	0.03

USER INPUT BLANK VALUE
BLANK VALUE = 22.55125 micrograms carbon
BLANK FACTOR = 22.55125 / 11.00061 = +2.0E+00 ug/min Carbon

SAMPLE RESULTS:
(726 - 22.5495)(1)/(250) = +2.814E+00 g/L Carbon
(726 - 22.5495)(1)/(250)(12) = +2.345E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
WHC-SD-WM-DP-080, REV. 1

099 pw 9/25/95

Sample: 38 Date: 03/09/95 Time: 21:22:59

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .41 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	12.10	100.00
3	1.51	112.80	89.27
4	2.01	261.00	56.78
5	2.51	384.80	32.17
6	3.01	462.90	16.87
7	3.51	504.60	8.26
8	4.01	522.90	3.50
9	4.50	530.00	1.34
10	5.00	533.30	0.62
11	5.50	535.20	0.36
12	6.00	536.60	0.26
13	6.50	537.70	0.20
14	7.00	538.90	0.22
15	7.50	539.80	0.17
16	8.00	540.80	0.18
17	8.50	541.40	0.11
18	9.00	542.30	0.17
19	9.50	543.00	0.13
20	10.00	543.70	0.13
21	10.50	544.30	0.11
22	11.00	545.00	0.13

USER INPUT BLANK VALUE
BLANK VALUE = 4.51025 micrograms carbon
BLANK FACTOR = 4.51025 / 11.00061 = +4.1E-01 ug/min Carbon

SAMPLE RESULTS:
(545 - 4.511001)(1)/(1) = +5.405E+02 g/L Carbon
(545 - 4.511001)(1)/(1)(12) = +4.504E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.08472

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
WHC-SD-WM-DP-080 099, REV. 1

Sample: 38 Date: 03/09/95 Time: 21:39:41

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.05 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	8.10	0.00
2	1.01	194.40	95.83
3	1.51	467.20	58.39
4	2.00	641.20	27.14
5	2.50	731.80	12.38
6	3.00	785.80	6.87
7	3.50	821.40	4.33
8	4.00	846.50	2.97
9	4.50	865.30	2.17
10	5.00	879.20	1.58
11	5.50	890.80	1.30
12	6.00	899.60	0.98
13	6.50	907.30	0.85
14	7.00	913.50	0.68
15	7.50	918.40	0.53
16	8.00	922.10	0.40
17	8.50	924.90	0.30
18	9.00	927.00	0.23
19	9.50	928.60	0.17
20	10.00	930.10	0.16
21	10.50	931.20	0.12
22	11.00	932.30	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 22.55125 micrograms carbon
BLANK FACTOR = 22.55125 / 11.00061 = +2.0E+00 ug/min Carbon

SAMPLE RESULTS:
(.932.3 - 22.54775)(1)/(1) = +9.098E+02 g/L Carbon
(932.3 - 22.54775)(1)/(1)(12) = +7.581E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample: 38 Date: 03/09/95 Time: 21:52:24

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .41 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	2.80	0.00
2	1.01	30.00	90.67
3	1.50	128.40	76.64
4	2.00	234.50	45.25
5	2.50	316.40	25.88
6	3.00	368.70	14.18
7	3.50	397.90	7.34
8	4.00	413.20	3.70
9	4.50	419.90	1.60
10	5.00	422.90	0.71
11	5.50	424.70	0.42
12	6.00	426.00	0.31
13	6.50	427.20	0.28
14	7.00	427.90	0.16
15	7.50	428.70	0.19
16	8.00	429.60	0.21
17	8.50	430.20	0.14
18	9.00	430.80	0.14
19	9.50	431.50	0.16
20	10.00	432.10	0.14
21	10.50	432.60	0.12
22	11.00	433.20	0.14

USER INPUT BLANK VALUE
BLANK VALUE = 4.51025 micrograms carbon
BLANK FACTOR = 4.51025 / 11.00061 = +4.1E-01 ug/min Carbon

SAMPLE RESULTS:
(433.2 - 4.5095)(1)/(1) = +4.287E+02 g/L Carbon
(433.2 - 4.5095)(1)/(1)(12) = +3.572E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0634 g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080, REV. 1

Sample: 38 Date: 03/09/95 Time: 22:12:56

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.05 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	7.90	0.00
2	1.01	80.60	90.20
3	1.50	316.50	74.53
4	2.00	450.00	29.67
5	2.50	513.50	12.37
6	3.00	548.40	6.36
7	3.50	571.00	3.96
8	4.00	586.70	2.68
9	4.50	598.90	2.04
10	5.00	608.10	1.51
11	5.50	615.10	1.14
12	6.00	621.00	0.95
13	6.50	625.90	0.78
14	7.00	630.30	0.70
15	7.50	633.40	0.49
16	8.00	636.10	0.42
17	8.50	637.70	0.25
18	9.00	639.30	0.25
19	9.50	640.60	0.20
20	10.00	641.60	0.16
21	10.50	642.50	0.14
22	11.00	643.30	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 22.55125 micrograms carbon
BLANK FACTOR = 22.55125 / 11.00061 = +2.0E+00 ug/min Carbon

SAMPLE RESULTS:
(643.3 - 22.5475)(1)/(1) = +6.208E+02 g/L Carbon
(643.3 - 22.5475)(1)/(1)(12) = +5.173E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.0634g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 049, REV. 1

Sample: 38 + SPK Date: 03/09/95 Time: 22:24:25

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .41 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.30	0.00
2	1.01	23.70	86.08
3	1.50	169.80	86.04
4	2.01	380.90	55.42
5	2.51	512.70	25.71
6	3.01	573.60	10.62
7	3.51	595.80	3.73
8	4.00	603.70	1.31
9	4.50	606.30	0.43
10	5.00	607.90	0.26
11	5.50	609.20	0.21
12	6.00	610.20	0.16
13	6.50	611.00	0.13
14	7.00	611.90	0.15
15	7.50	612.50	0.10
16	8.00	613.20	0.11
17	8.50	613.80	0.10
18	9.00	614.40	0.10
19	9.50	614.90	0.08
20	10.00	615.40	0.08
21	10.50	616.10	0.11
22	11.00	616.70	0.10

USER INPUT BLANK VALUE
BLANK VALUE = 4.51025 micrograms carbon
BLANK FACTOR = 4.51025 / 11.00061 = +4.1E-01 ug/min Carbon

SAMPLE RESULTS:
(616.7 - 4.51025)(1)/(1) = +6.122E+02 g/L Carbon
(616.7 - 4.51025)(1)/(1)(12) = +5.102E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

$$\frac{616.7 - (6.38\times10^{3} \times 0.0544) - 4.5}{600 \times 0.5} \times 100\%$$

531 .0544 g + .500 mL 15N 12E

= 88.4%

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
WHC-SD-WM-DP-~~060~~ 099 KW 9/26/95, REV. 1

Sample: 38 + SPK Date: 03/09/95 Time: 22:39:11

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.05 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	12.30	0.00
2	1.01	270.60	95.45
3	1.50	522.40	48.20
4	2.00	622.50	16.08
5	2.50	669.70	7.05
6	3.00	696.50	3.85
7	3.50	713.20	2.34
8	4.00	725.10	1.64
9	4.50	734.30	1.25
10	5.00	741.60	0.98
11	5.50	747.80	0.83
12	6.00	752.50	0.62
13	6.50	756.90	0.58
14	7.00	760.10	0.42
15	7.50	762.90	0.37
16	8.00	765.30	0.31
17	8.50	767.00	0.22
18	9.00	768.30	0.17
19	9.50	769.50	0.16
20	10.00	770.30	0.10
21	10.50	771.00	0.09
22	11.00	771.70	0.09

USER INPUT BLANK VALUE
BLANK VALUE = 22.55125 micrograms carbon
BLANK FACTOR = 22.55125 / 11.00061 = +2.0E+00 ug/min Carbon

SAMPLE RESULTS:
(771.7 - 22.54925)(1)/(1) = +7.492E+02 g/L Carbon
(771.7 - 22.54925)(1)/(1)(12) = +6.243E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

$$\frac{771.7-(10{,}700\times .0544)-22.5}{(3{,}000)(.100)}\times 100\% = 55.7\%$$

532

.0544 g + .100 mL 10N 12F

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-088059 REV. 1 9/25/95

Sample: 38 Date: 03/09/95 Time: 22:52:29

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .41 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	15.90	100.00
3	1.50	128.20	87.60
4	2.00	292.60	56.19
5	2.50	424.20	31.02
6	3.00	500.60	15.26
7	3.50	536.40	6.67
8	4.00	549.70	2.42
9	4.50	554.70	0.90
10	5.00	557.60	0.52
11	5.50	559.50	0.34
12	6.00	561.00	0.27
13	6.50	562.40	0.25
14	7.00	563.60	0.21
15	7.50	564.90	0.23
16	8.00	565.80	0.16
17	8.50	566.90	0.19
18	9.00	567.80	0.16
19	9.50	568.70	0.16
20	10.00	569.60	0.16
21	10.50	570.70	0.19
22	11.00	571.50	0.14

USER INPUT BLANK VALUE
BLANK VALUE = 4.51025 micrograms carbon
BLANK FACTOR = 4.51025 / 11.00061 = +4.1E-01 ug/min Carbon

SAMPLE RESULTS:
(571.5 - 4.5103)(1)/(1) = +5.670E+02 g/L Carbon
(571.5 - 4.5103)(1)/(1)(12) = +4.725E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

533

.0844g

6.72e3 ug/g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

099 [illegible] 4/12-A5

WHC-SD-WM-DP-~~080~~, REV. 1

Sample: 38 Date: 03/09/95 Time: 23:05:43

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.05 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	26.50	0.00
2	1.01	214.60	87.65
3	1.51	485.10	55.76
4	2.01	646.60	24.98
5	2.51	726.40	10.99
6	3.01	773.40	6.08
7	3.51	805.80	4.02
8	4.01	828.00	2.68
9	4.50	845.10	2.02
10	5.00	858.20	1.53
11	5.50	869.40	1.29
12	6.00	878.40	1.02
13	6.50	885.70	0.82
14	7.00	891.10	0.61
15	7.50	895.20	0.46
16	8.00	897.90	0.30
17	8.50	900.10	0.24
18	9.00	901.80	0.19
19	9.50	903.30	0.17
20	10.00	904.60	0.14
21	10.50	905.80	0.13
22	11.00	906.90	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 22.55125 micrograms carbon
BLANK FACTOR = 22.55125 / 11.00061 = +2.0E+00 ug/min Carbon

SAMPLE RESULTS:
(906.9 - 22.5515)(1)/(1) = +8.843E+02 g/L Carbon
(906.9 - 22.5515)(1)/(1)(12) = +7.370E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

534

-0844 g

1.05e4 ug/g

LABCORE Data Entry Template for Worklist# 707

Analyst: KRM **Instrument:** TOC01 **Book #** 15N12E TIC
10N12F TOC

Method: LA-342-100 Rev/Mod A-0

WHC-SD-WM-DP-080 099 REV. 1 9/27/95

Worklist Comment: @TICTOC KRM C-103

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	TEST	MATRIX	ACTUAL	FOUND	DL	UNIT
										~~<5.0~~ gwb 3/14/95		gwb 3/15/95
		1	BLNK				@TICTOC1 TIC-02	SOLID	1	~~6.0~~ 4.1	N/A	~~ug/g~~
										~~<80.0~~ gwb 3/14/95		3/15/95
		1	BLNK				@TICTOC1 TOC-02	SOLID	1	~~44.0~~ 42.0	N/A	ug/g
		2	STD				@TICTOC1 TIC-02	SOLID	6.00E 2	5.60E 2	N/A	ug/g
		2	STD				@TICTOC1 TOC-02	SOLID	3.00E 3	2.72E 3	N/A	ug/g
94000012	C-103	3	SAMPLE	S95T000045	0		@TICTOC1 TIC-02	SOLID	N/A	4.86E 3	5.0e0	ug/g
94000012	C-103	3	SAMPLE	S95T000045	0		@TICTOC1 TOC-02	SOLID	N/A	7.65E 3	8.0e1	ug/g
94000012	C-103	4	DUP	S95T000045	0		@TICTOC1 TIC-02	SOLID	4.86E 3	5.19E 3	N/A	ug/g
94000012	C-103	4	DUP	S95T000045	0		@TICTOC1 TOC-02	SOLID	7.65E 3	9.33E 3	N/A	ug/g
94000012	C-103	5	SAMPLE	S95T000046	0		@TICTOC1 TIC-02	SOLID	N/A	6.21E 3	5.0e0	ug/g
94000012	C-103	5	SAMPLE	S95T000046	0		@TICTOC1 TOC-02	SOLID	N/A	8.86E 3	8.0e1	ug/g
94000012	C-103	6	DUP	S95T000046	0		@TICTOC1 TIC-02	SOLID	6.21E 3	6.02E 3	N/A	ug/g
94000012	C-103	6	DUP	S95T000046	0		@TICTOC1 TOC-02	SOLID	8.86E 3	8.94E 3	N/A	ug/g
94000012	C-103	7	SAMPLE	S95T000047	0		@TICTOC1 TIC-02	SOLID	N/A	5.85E 3	5.0e0	ug/g
94000012	C-103	7	SAMPLE	S95T000047	0		@TICTOC1 TOC-02	SOLID	N/A	7.34E 3	8.0e1	ug/g
94000012	C-103	8	DUP	S95T000047	0		@TICTOC1 TIC-02	SOLID	5.85E 3	5.74E 3	N/A	ug/g
94000012	C-103	8	DUP	S95T000047	0		@TICTOC1 TOC-02	SOLID	7.34E 3	7.85E 3	N/A	ug/g

Data Entry Comments: Worklist reviewed [signature] 3/14/95

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 707

GROUP	PROJECT	S TYPE	SAMPLE#	R A -------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT

Final page for worklist # 707

3-11-95
Analyst Signature Date

3-11-95
Analyst Signature Date

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>> WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample: BLK Date: 03/10/95 Time: 16:36:33

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	0.40	50.00
3	1.51	0.60	33.33
4	2.00	0.80	25.00
5	2.50	1.10	27.27
6	3.00	1.50	26.67
7	3.50	1.70	11.76
8	4.00	1.90	10.53
9	4.50	2.10	9.52
10	5.00	2.30	8.70
11	5.50	2.40	4.17
12	6.00	2.60	7.69
13	6.50	2.70	3.70
14	7.00	2.90	6.90
15	7.50	3.00	3.33
16	8.00	3.20	6.25
17	8.50	3.30	3.03
18	9.00	3.50	5.71
19	9.50	3.60	2.78
20	10.00	3.80	5.26
21	10.50	3.90	2.56
22	11.00	4.10	4.88

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 537 TO 554.

BLANK VALUE = 4.1 micrograms carbon
BLANK FACTOR = 4.1 / 10.99884 = +3.7E-01 ug/min Carbon

Sample Run By: KR MONTEITH 3-10-95 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>> WHC-SD-WM-DP-~~088~~ 099, REV. 1

099 JW 9/6/95

Sample: BLK Date: 03/10/95 Time: 16:48:40

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	4.20	100.00
3	1.50	13.10	67.94
4	2.00	20.40	35.78
5	2.50	24.60	17.07
6	3.00	27.20	9.56
7	3.50	29.10	6.53
8	4.00	30.60	4.90
9	4.50	32.00	4.37
10	5.00	33.00	3.03
11	5.50	34.50	4.35
12	6.00	35.70	3.36
13	6.50	36.80	2.99
14	7.00	37.60	2.13
15	7.50	38.40	2.08
16	8.00	39.10	1.79
17	8.50	39.80	1.76
18	9.00	40.30	1.24
19	9.50	40.80	1.23
20	10.00	41.20	0.97
21	10.50	41.70	1.20
22	11.00	42.00	0.71

BLANK VALUE = 42 micrograms carbon
BLANK FACTOR = 42 / 11.00067 = +3.82E+00 ug/min Carbon

<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT 099 [illegible]
TICTOC REV 2.0
WHC-SD-WM-DP-088, REV. 1

Sample: R BLK Date: 03/10/95 Time: 17:00:34

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .37 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	0.10	100.00
3	1.51	0.80	87.50
4	2.00	1.70	52.94
5	2.50	2.40	29.17
6	3.00	2.90	17.24
7	3.50	3.20	9.37
8	4.00	3.50	8.57
9	4.50	3.60	2.78
10	5.00	3.80	5.26
11	5.50	4.00	5.00
12	6.00	4.20	4.76
13	6.50	4.40	4.55
14	7.00	4.60	4.35
15	7.50	4.70	2.13
16	8.00	4.90	4.08
17	8.50	5.10	3.92
18	9.00	5.30	3.77
19	9.50	5.40	1.85
20	10.00	5.60	3.57
21	10.50	5.80	3.45
22	11.00	6.00	3.33

USER INPUT BLANK VALUE
BLANK VALUE = 4.070249 micrograms carbon
BLANK FACTOR = 4.070249 / 11.00067 = +3.7E-01 ug/min Carbon

SAMPLE RESULTS:
(6 - 4.068893)(1)/(1) = +1.9E+00 g/L Carbon
(6 - 4.068893)(1)/(1)(12) = +1.6E-01 Molar Carbon

Sample Run By: _____
KR MONTEITH 00000

-0734/9

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-099, REV. 1

Sample: R BLK Date: 03/10/95 Time: 17:59:15

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.81 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	6.90	100.00
3	1.50	18.20	62.09
4	2.00	24.50	25.71
5	2.50	28.40	13.73
6	3.00	31.40	9.55
7	3.50	33.60	6.55
8	4.00	35.50	5.35
9	4.50	37.00	4.05
10	5.00	38.10	2.89
11	5.50	39.10	2.56
12	6.00	40.00	2.25
13	6.50	40.70	1.72
14	7.00	41.30	1.45
15	7.50	41.80	1.20
16	8.00	42.20	0.95
17	8.50	42.60	0.94
18	9.00	42.90	0.70
19	9.50	43.20	0.69
20	10.00	43.50	0.69
21	10.50	43.70	0.46
22	11.00	44.00	0.68

USER INPUT BLANK VALUE
BLANK VALUE = 41.91256 micrograms carbon
BLANK FACTOR = 41.91256 / 11.00067 = +3.8E+00 ug/min Carbon

SAMPLE RESULTS:
(44 - 41.91232)(1)/(1) = +2.09E+00 g/L Carbon
(44 - 41.91232)(1)/(1)(12) = +1.74E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

540

.0734/g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
WHC-SD-WM-DP-099 REV. 1

Sample: STD Date: 03/10/95 Time: 18:10:55

Sample Size = 1000 uL
Dil Factor = 1
Blank ID # =
Blank Value = .37 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	36.70	0.00
2	1.01	204.90	82.09
3	1.51	380.20	46.11
4	2.01	483.60	21.38
5	2.51	533.00	9.27
6	3.01	550.90	3.25
7	3.50	556.80	1.06
8	4.00	558.70	0.34
9	4.50	559.60	0.16
10	5.00	560.30	0.12
11	5.50	560.70	0.07
12	6.00	561.10	0.07
13	6.50	561.50	0.07
14	7.00	561.80	0.05
15	7.50	562.10	0.05
16	8.00	562.40	0.05
17	8.50	562.60	0.04
18	9.00	562.80	0.04
19	9.50	563.00	0.04
20	10.00	563.30	0.05
21	10.50	563.50	0.04
22	11.00	563.60	0.02

USER INPUT BLANK VALUE
BLANK VALUE = 4.070249 micrograms carbon
BLANK FACTOR = 4.070249 / 11.00067 = +3.7E-01 ug/min Carbon

SAMPLE RESULTS:
(563.6 - 4.070226)(1)/(1000) = +5.595E-01 g/L Carbon
(563.6 - 4.070226)(1)/(1000)(12) = +4.663E-02 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080, REV. 1

Sample: STD Date: 03/10/95 Time: 18:32:10

Sample Size = 300 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.81 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.20	0.00
2	1.01	162.00	98.02
3	1.51	575.30	71.84
4	2.00	767.90	25.08
5	2.50	819.40	6.29
6	3.00	835.80	1.96
7	3.50	841.50	0.68
8	4.01	844.70	0.38
9	4.50	846.70	0.24
10	5.00	848.30	0.19
11	5.50	849.70	0.16
12	6.00	850.90	0.14
13	6.50	851.90	0.12
14	7.00	852.80	0.11
15	7.50	853.60	0.09
16	8.00	854.20	0.07
17	8.50	854.80	0.07
18	9.00	855.30	0.06
19	9.50	855.80	0.06
20	10.00	856.30	0.06
21	10.50	856.70	0.05
22	11.00	857.00	0.04

USER INPUT BLANK VALUE
BLANK VALUE = 41.91256 micrograms carbon
BLANK FACTOR = 41.91256 / 11.00067 = +3.8E+00 ug/min Carbon

SAMPLE RESULTS:
(857 - 41.91605)(1)/(300) = +2.717E+00 g/L Carbon
(857 - 41.91605)(1)/(300)(12) = +2.264E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 059, REV. 1 JW 7/25/95

Sample: 45 Date: 03/10/95 Time: 18:44:13

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .37 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	5.60	100.00
3	1.50	52.30	89.29
4	2.00	137.60	61.99
5	2.50	213.20	35.46
6	3.00	258.80	17.62
7	3.50	281.50	8.06
8	4.00	291.00	3.26
9	4.50	295.00	1.36
10	5.00	297.00	0.67
11	5.50	298.30	0.44
12	6.00	299.50	0.40
13	6.50	300.40	0.30
14	7.00	301.20	0.27
15	7.50	301.90	0.23
16	8.00	302.70	0.26
17	8.50	303.40	0.23
18	9.00	304.10	0.23
19	9.50	304.70	0.20
20	10.00	305.30	0.20
21	10.50	305.90	0.20
22	11.00	306.50	0.20

USER INPUT BLANK VALUE
BLANK VALUE = 4.070249 micrograms carbon
BLANK FACTOR = 4.070249 / 11.00067 = +3.7E-01 ug/min Carbon

SAMPLE RESULTS:
(306.5 - 4.070226)(1)/(1) = +3.024E+02 g/L Carbon
(306.5 - 4.070226)(1)/(1)(12) = +2.520E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0622g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080, REV. 1

Sample: 45 Date: 03/10/95 Time: 18:59:07

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.81 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

Reading	Analysis Time	Coulometer	% Difference
1	0.51	4.20	0.00
2	1.01	97.90	95.71
3	1.51	245.80	60.17
4	2.00	348.40	29.45
5	2.50	404.80	13.93
6	3.00	437.40	7.45
7	3.50	457.00	4.29
8	4.00	470.50	2.87
9	4.50	480.40	2.06
10	5.00	487.70	1.50
11	5.50	493.80	1.24
12	6.00	498.50	0.94
13	6.50	502.50	0.80
14	7.00	505.70	0.63
15	7.50	508.30	0.51
16	8.00	510.50	0.43
17	8.50	512.40	0.37
18	9.00	513.80	0.27
19	9.50	514.90	0.21
20	10.00	515.90	0.19
21	10.50	516.70	0.15
22	11.00	517.50	0.15

USER INPUT BLANK VALUE
BLANK VALUE = 41.91256 micrograms carbon
BLANK FACTOR = 41.91256 / 11.00067 = +3.8E+00 ug/min Carbon

SAMPLE RESULTS:
(517.5 - 41.90535)(1)/(1) = +4.756E+02 g/L Carbon
(517.5 - 41.90535)(1)/(1)(12) = +3.963E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.0622g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-088, REV. 1

Sample: 45 Date: 03/10/95 Time: 19:11:25

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .37 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.80	0.00
2	1.01	12.80	93.75
3	1.51	93.50	86.31
4	2.00	214.40	56.39
5	2.50	312.30	31.35
6	3.01	367.20	14.95
7	3.51	391.00	6.09
8	4.01	401.00	2.49
9	4.50	405.50	1.11
10	5.00	408.20	0.66
11	5.50	410.30	0.51
12	6.00	412.00	0.41
13	6.50	413.50	0.36
14	7.00	414.90	0.34
15	7.50	416.30	0.34
16	8.00	417.40	0.26
17	8.50	418.40	0.24
18	9.00	419.40	0.24
19	9.50	420.40	0.24
20	10.00	421.50	0.26
21	10.50	422.50	0.24
22	11.00	423.60	0.26

USER INPUT BLANK VALUE
BLANK VALUE = 4.070249 micrograms carbon
BLANK FACTOR = 4.070249 / 11.00067 = +3.7E-01 ug/min Carbon

SAMPLE RESULTS:
(423.6 - 4.070587)(1)/(1) = +4.195E+02 g/L Carbon
(423.6 - 4.070587)(1)/(1)(12) = +3.496E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

-0809

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample: 45 Date: 03/10/95 Time: 19:23:41

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.81 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	16.10	0.00
2	1.01	155.90	89.67
3	1.50	407.60	61.75
4	2.00	544.80	25.18
5	2.50	615.80	11.53
6	3.00	660.80	6.81
7	3.50	691.20	4.40
8	4.00	713.40	3.11
9	4.50	730.70	2.37
10	5.00	744.70	1.88
11	5.50	756.30	1.53
12	6.00	765.70	1.23
13	6.50	773.30	0.98
14	7.00	778.60	0.68
15	7.50	782.50	0.50
16	8.00	785.40	0.37
17	8.50	787.70	0.29
18	9.00	789.60	0.24
19	9.50	791.40	0.23
20	10.00	793.20	0.23
21	10.50	794.80	0.20
22	11.00	796.40	0.20

USER INPUT BLANK VALUE
BLANK VALUE = 41.91256 micrograms carbon
BLANK FACTOR = 41.91256 / 11.00067 = +3.8E+00 ug/min Carbon

SAMPLE RESULTS:
(796.4 - 41.90163)(1)/(1) = +7.545E+02 g/L Carbon
(796.4 - 41.90163)(1)/(1)(12) = +6.287E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

.0809g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-099, REV 1 3/25/95

Sample: 46 Date: 03/10/95 Time: 21:21:15

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .37 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	5.10	0.00
2	1.00	40.60	87.44
3	1.50	167.40	75.75
4	2.00	288.80	42.04
5	2.50	352.70	18.12
6	3.00	378.90	6.91
7	3.50	387.60	2.24
8	4.00	390.80	0.82
9	4.50	392.50	0.43
10	5.00	393.80	0.33
11	5.50	394.80	0.25
12	6.00	395.90	0.28
13	6.50	396.70	0.20
14	7.00	397.60	0.23
15	7.50	398.20	0.15
16	8.00	398.80	0.15
17	8.50	399.40	0.15
18	9.00	400.00	0.15
19	9.50	400.50	0.12
20	10.00	401.00	0.12
21	10.50	401.50	0.12
22	11.00	402.00	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 4.070249 micrograms carbon
BLANK FACTOR = 4.070249 / 11.00067 = +3.7E-01 ug/min Carbon

SAMPLE RESULTS:
(402 - 4.069549)(1)/(1) = +3.979E+02 g/L Carbon
(402 - 4.069549)(1)/(1)(12) = +3.316E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0641 g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1 KW 9/12/95

Sample: 46 Date: 03/10/95 Time: 21:33:22

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.81 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	28.70	0.00
2	1.01	103.20	72.19
3	1.51	295.60	65.09
4	2.01	431.40	31.48
5	2.50	493.60	12.60
6	3.00	529.50	6.78
7	3.50	550.50	3.81
8	4.00	564.70	2.51
9	4.50	574.90	1.77
10	5.00	582.50	1.30
11	5.50	588.20	0.97
12	6.00	592.70	0.76
13	6.50	596.20	0.59
14	7.00	599.00	0.47
15	7.50	601.10	0.35
16	8.00	603.00	0.32
17	8.50	604.60	0.26
18	9.00	605.90	0.21
19	9.50	607.00	0.18
20	10.00	608.00	0.16
21	10.50	609.10	0.18
22	11.00	610.00	0.15

USER INPUT BLANK VALUE
BLANK VALUE = 41.91256 micrograms carbon
BLANK FACTOR = 41.91256 / 11.00067 = +3.8E+00 ug/min Carbon

SAMPLE RESULTS:
(610 - 41.91605)(1)/(1) = +5.681E+02 g/L Carbon
(610 - 41.91605)(1)/(1)(12) = +4.734E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

548

.064/g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample: 46 Date: 03/10/95 Time: 21:45:16

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .37 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.90	0.00
2	1.01	14.20	93.66
3	1.50	127.90	88.90
4	2.00	320.00	60.03
5	2.50	457.30	30.02
6	3.00	531.10	13.90
7	3.50	566.30	6.22
8	4.00	579.50	2.28
9	4.50	584.80	0.91
10	5.00	587.80	0.51
11	5.50	590.00	0.37
12	6.00	591.60	0.27
13	6.50	593.00	0.24
14	7.00	594.20	0.20
15	7.50	595.40	0.20
16	8.00	596.30	0.15
17	8.50	597.20	0.15
18	9.00	598.00	0.13
19	9.50	598.70	0.12
20	10.00	599.50	0.13
21	10.50	600.10	0.10
22	11.00	600.80	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 4.070249 micrograms carbon
BLANK FACTOR = 4.070249 / 11.00067 = +3.7E-01 ug/min Carbon

SAMPLE RESULTS:
(600.8 - 4.070542)(1)/(1) = +5.967E+02 g/L Carbon
(600.8 - 4.070542)(1)/(1)(12) = +4.973E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0992e

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1 HW 9/26/95

Sample: 46 Date: 03/10/95 Time: 21:57:41

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.81 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	2.00	0.00
2	1.01	64.40	96.89
3	1.50	244.40	73.65
4	2.00	514.90	52.53
5	2.50	668.40	22.97
6	3.00	744.50	10.22
7	3.50	792.20	6.02
8	4.00	824.60	3.93
9	4.50	847.30	2.68
10	5.00	864.50	1.99
11	5.50	877.70	1.50
12	6.00	888.50	1.22
13	6.50	897.10	0.96
14	7.00	904.40	0.81
15	7.50	910.20	0.64
16	8.00	914.80	0.50
17	8.50	918.80	0.44
18	9.00	921.70	0.31
19	9.50	924.30	0.28
20	10.00	926.00	0.18
21	10.50	927.70	0.18
22	11.00	929.20	0.16

USER INPUT BLANK VALUE
BLANK VALUE = 41.91256 micrograms carbon
BLANK FACTOR = 41.91256 / 11.00067 = +3.8E+00 ug/min Carbon

SAMPLE RESULTS:
(929.2 - 41.90582)(1)/(1) = +8.873E+02 g/L Carbon
(929.2 - 41.90582)(1)/(1)(12) = +7.394E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.0992g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080 059, REV. 1

Sample: 47 Date: 03/10/95 Time: 22:15:16

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .37 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.30	0.00
2	1.01	17.50	92.57
3	1.51	114.10	84.66
4	2.00	245.70	53.56
5	2.50	337.20	27.14
6	3.00	385.70	12.57
7	3.50	405.90	4.98
8	4.00	412.90	1.70
9	4.50	416.80	0.94
10	5.00	419.20	0.57
11	5.50	420.80	0.38
12	6.00	422.00	0.28
13	6.50	423.10	0.26
14	7.00	424.10	0.24
15	7.50	425.00	0.21
16	8.00	425.90	0.21
17	8.50	426.60	0.16
18	9.00	427.40	0.19
19	9.50	428.10	0.16
20	10.00	428.70	0.14
21	10.50	429.40	0.16
22	11.00	430.00	0.14

USER INPUT BLANK VALUE
BLANK VALUE = 4.070249 micrograms carbon
BLANK FACTOR = 4.070249 / 11.00067 = +3.7E-01 ug/min Carbon

SAMPLE RESULTS:
(430 - 4.070226)(1)/(1) = +4.259E+02 g/L Carbon
(430 - 4.070226)(1)/(1)(12) = +3.549E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

0728g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-CD-WM-DP-~~080~~ 099, REV. 1

Sample: 47 Date: 03/10/95 Time: 22:27:46

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.81 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	5.80	0.00
2	1.01	59.90	90.32
3	1.51	252.10	76.24
4	2.01	386.60	34.79
5	2.51	451.30	14.34
6	3.01	486.30	7.20
7	3.51	507.40	4.16
8	4.01	522.30	2.85
9	4.50	533.10	2.03
10	5.00	541.70	1.59
11	5.50	548.40	1.22
12	6.00	554.10	1.03
13	6.50	558.60	0.81
14	7.00	562.60	0.71
15	7.50	565.70	0.55
16	8.00	568.20	0.44
17	8.50	570.30	0.37
18	9.00	571.90	0.28
19	9.50	573.40	0.26
20	10.00	574.50	0.19
21	10.50	575.60	0.19
22	11.00	576.60	0.17

USER INPUT BLANK VALUE
BLANK VALUE = 41.91256 micrograms carbon
BLANK FACTOR = 41.91256 / 11.00067 = +3.8E+00 ug/min Carbon

SAMPLE RESULTS:
(576.6 - 41.91558)(1)/(1) = +5.347E+02 g/L Carbon
(576.6 - 41.91558)(1)/(1)(12) = +4.456E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.0728g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1 9/25/95

Sample: 47 Date: 03/10/95 Time: 22:39:43

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .37 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.10	0.00
2	1.01	12.40	91.13
3	1.50	90.10	86.24
4	2.00	221.30	59.29
5	2.50	327.30	32.39
6	3.00	390.60	16.21
7	3.50	420.60	7.13
8	4.00	431.60	2.55
9	4.50	435.80	0.96
10	5.00	438.30	0.57
11	5.50	440.10	0.41
12	6.00	441.40	0.29
13	6.50	442.70	0.29
14	7.00	443.70	0.23
15	7.50	444.90	0.27
16	8.00	445.80	0.20
17	8.50	446.50	0.16
18	9.00	447.40	0.20
19	9.50	448.10	0.16
20	10.00	448.80	0.16
21	10.50	449.50	0.16
22	11.00	450.10	0.13

USER INPUT BLANK VALUE
BLANK VALUE = 4.070249 micrograms carbon
BLANK FACTOR = 4.070249 / 11.00067 = +3.7E-01 ug/min Carbon

SAMPLE RESULTS:
(450.1 - 4.06991)(1)/(1) = +4.460E+02 g/L Carbon
(450.1 - 4.06991)(1)/(1)(12) = +3.717E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

553

.0777g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080, REV. 1 9/25/95

Sample: 47 Date: 03/10/95 Time: 22:52:11

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 3.81 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	8.20	0.00
2	1.01	77.50	89.42
3	1.51	246.10	68.51
4	2.00	400.40	38.54
5	2.50	481.40	16.83
6	3.00	528.90	8.98
7	3.50	558.00	5.22
8	4.00	577.10	3.31
9	4.50	591.40	2.42
10	5.00	602.70	1.87
11	5.50	612.00	1.52
12	6.00	619.10	1.15
13	6.50	625.60	1.04
14	7.00	630.90	0.84
15	7.50	635.50	0.72
16	8.00	639.30	0.59
17	8.50	642.60	0.51
18	9.00	645.10	0.39
19	9.50	647.10	0.31
20	10.00	648.90	0.28
21	10.50	650.60	0.26
22	11.00	651.70	0.17

USER INPUT BLANK VALUE
BLANK VALUE = 41.91256 micrograms carbon
BLANK FACTOR = 41.91256 / 11.00067 = +3.8E+00 ug/min Carbon

SAMPLE RESULTS:
(651.7 - 41.90582)(1)/(1) = +6.098E+02 g/L Carbon
(651.7 - 41.90582)(1)/(1)(12) = +5.082E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.0777a

LABCORE Data Entry Template for Worklist# 708

Analyst: KRM **Instrument:** TIC01 **Book #** 15N12E TIC 10N12F TOC

Method: LA-342-100 Rev/Mod A-0

WHC-SD-WM-DP-~~080~~ 099, REV. 1 JWB 3/15/95

Worklist Comment: @TICTOC C-103 KRM

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK				@TICTOC1 TIC-02	SOLID	1	~~6.6~~ 5.7	N/A	ug/g
		1	BLNK				@TICTOC1 TOC-02	SOLID	1	~~8.2~~ 7.5	N/A	ug/g
		2	STD				@TICTOC1 TIC-02	SOLID	6.00E2	5.71E2	N/A	ug/g
		2	STD				@TICTOC1 TOC-02	SOLID	3.00E3	3.00E3	N/A	ug/g
94000012	C-103	3	SAMPLE	S95T000048	0		@TICTOC1 TIC-02	SOLID	N/A	3.95E3	5.0e0	ug/g
94000012	C-103	3	SAMPLE	S95T000048	0		@TICTOC1 TOC-02	SOLID	N/A	3.93E3 ~~3.98E3~~	8.0e1	ug/g
94000012	C-103	4	DUP	S95T000048	0		@TICTOC1 TIC-02	SOLID	3.95E3	3.81E3	N/A	ug/g
94000012	C-103	4	DUP	S95T000048	0		@TICTOC1 TOC-02	SOLID	3.53E3	3.22E3	N/A	ug/g
95000013	C-103	5	SAMPLE	S95T000224	0		@TICTOC1 TIC-02	SOLID	N/A	4.85E3	5.0e0	ug/g
95000013	C-103	5	SAMPLE	S95T000224	0		@TICTOC1 TOC-02	SOLID	N/A	8.76E3	8.0e1	ug/g
95000013	C-103	6	DUP	S95T000224	0		@TICTOC1 TIC-02	SOLID	4.85E3	4.37E3	N/A	ug/g
95000013	C-103	6	DUP	S95T000224	0		@TICTOC1 TOC-02	SOLID	8.76E3	9.05E3	N/A	ug/g
95000013	C-103	7	SAMPLE	S95T000225	0		@TICTOC1 TIC-02	SOLID	N/A	4.52E3	5.0e0	ug/g
95000013	C-103	7	SAMPLE	S95T000225	0		@TICTOC1 TOC-02	SOLID	N/A	8.46E3	8.0e1	ug/g
95000013	C-103	8	DUP	S95T000225	0		@TICTOC1 TIC-02	SOLID	4.52E3	4.28E3	N/A	ug/g
95000013	C-103	8	DUP	S95T000225	0		@TICTOC1 TOC-02	SOLID	8.46E3	9.93E3	N/A	ug/g

Data Entry Comments: Worklist reviewed JWBoal 3/14/95

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 708

GROUP	PROJECT	S TYPE	SAMPLE#	R A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT

Final page for worklist # 708

3-12-95
Analyst Signature Date

3-13-95
Analyst Signature Date

WHC-SD-WM-DP-080-049, REV. 1
9/25/95

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/11/95 Time: 16:53:12

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	0.50	100.00
3	1.51	1.10	54.55
4	2.00	1.60	31.25
5	2.50	1.80	11.11
6	3.00	2.00	10.00
7	3.50	2.30	13.04
8	4.00	2.50	8.00
9	4.50	2.70	7.41
10	5.00	3.00	10.00
11	5.50	3.20	6.25
12	6.00	3.40	5.88
13	6.50	3.60	5.56
14	7.00	3.90	7.69
15	7.50	4.20	7.14
16	8.00	4.40	4.55
17	8.50	4.60	4.35
18	9.00	4.80	4.17
19	9.50	5.00	4.00
20	10.00	5.20	3.85
21	10.50	5.50	5.45
22	11.00	5.70	3.51

WHC-SD-WM-DP-~~080~~ 059, REV. 1 3/27/95

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 557 **TO** 574.

BLANK VALUE = 5.7 micrograms carbon
BLANK FACTOR = 5.7 / 10.99884 = +5.2E-01 ug/min Carbon

Sample Run By: KR MONTEITH 3-11-95 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/11/95 Time: 17:54:36

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.60	0.00
2	1.01	8.40	92.86
3	1.51	13.60	38.24
4	2.00	16.80	19.05
5	2.50	18.70	10.16
6	3.00	20.00	6.50
7	3.50	21.40	6.54
8	4.00	22.20	3.60
9	4.50	23.00	3.48
10	5.00	23.40	1.71
11	5.50	23.90	2.09
12	6.00	24.30	1.65
13	6.50	24.80	2.02
14	7.00	25.10	1.20
15	7.50	25.50	1.57
16	8.00	25.80	1.16
17	8.50	26.20	1.53
18	9.00	26.40	0.76
19	9.50	26.80	1.49
20	10.00	27.00	0.74
21	10.50	27.30	1.10
22	11.00	27.50	0.73

WHC-SD-WM-DP- ~~080~~ 079 REV. 1 7/25/96

BLANK VALUE = 27.5 micrograms carbon
BLANK FACTOR = 27.5 / 10.99878 = +2.50E+00 ug/min Carbon

<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: R BLK Date: 03/11/95 Time: 18:08:41

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .52 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	2.70	100.00
3	1.51	3.60	25.00
4	2.00	4.00	10.00
5	2.50	4.20	4.76
6	3.00	4.50	6.67
7	3.50	4.70	4.26
8	4.00	4.80	2.08
9	4.50	4.90	2.04
10	5.00	5.00	2.00
11	5.50	5.20	3.85
12	6.00	5.30	1.89
13	6.50	5.50	3.64
14	7.00	5.60	1.79
15	7.50	5.70	1.75
16	8.00	5.80	1.72
17	8.50	6.00	3.33
18	9.00	6.10	1.64
19	9.50	6.20	1.61
20	10.00	6.40	3.13
21	10.50	6.40	0.00
22	11.00	6.60	3.03

WHC-SD-WM-DP- ~~080~~ 099, REV. 1
9/12/95

USER INPUT BLANK VALUE
BLANK VALUE = 5.719365 micrograms carbon
BLANK FACTOR = 5.719365 / 10.99878 = +5.2E-01 ug/min Carbon

SAMPLE RESULTS:
(6.6 - 5.720317)(1)/(1) = +8.8E-01 g/L Carbon
(6.6 - 5.720317)(1)/(1)(12) = +7.3E-02 Molar Carbon

Sample Run By: KR MONTEITH 00000

.07449

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: R BLK Date: 03/11/95 Time: 18:20:46

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.5 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	5.90	100.00
3	1.51	10.70	44.86
4	2.00	12.40	13.71
5	2.50	13.40	7.46
6	3.00	14.10	4.96
7	3.50	14.80	4.73
8	4.00	15.30	3.27
9	4.50	15.70	2.55
10	5.00	16.00	1.88
11	5.50	16.30	1.84
12	6.00	16.60	1.81
13	6.50	16.80	1.19
14	7.00	17.00	1.18
15	7.50	17.20	1.16
16	8.00	17.40	1.15
17	8.50	17.60	1.14
18	9.00	17.70	0.56
19	9.50	17.80	0.56
20	10.00	18.00	1.11
21	10.50	18.10	0.55
22	11.00	18.20	0.55

WHC-SD-WM-DP-~~080~~ 099, REV. 1
9/12/95

USER INPUT BLANK VALUE
BLANK VALUE = 27.49695 micrograms carbon
BLANK FACTOR = 27.49695 / 10.99878 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(18.2 - 27.49908)(1)/(1) = < 5.00 E-3 g/L Carbon
(18.2 - 27.49908)(1)/(1)(12) = < 4.17 E-4 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

.0744g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 03/11/95 Time: 18:32:44

Sample Size = ~~1 uL~~ 750 uL JWB 3/14/95
Dil Factor = 1
Blank ID # =
Blank Value = .52 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	30.10	100.00
3	1.51	175.40	82.84
4	2.00	309.30	43.29
5	2.50	385.30	19.72
6	3.00	415.60	7.29
7	3.50	425.30	2.28
8	4.00	428.80	0.82
9	4.50	430.00	0.28
10	5.00	430.90	0.21
11	5.50	431.20	0.07
12	6.00	431.70	0.12
13	6.50	432.10	0.09
14	7.00	432.40	0.07
15	7.50	432.60	0.05
16	8.00	432.90	0.07
17	8.50	433.10	0.05
18	9.00	433.40	0.07
19	9.50	433.70	0.07
20	10.00	433.80	0.02
21	10.50	434.00	0.05
22	11.00	434.10	0.02

WHC-SD-WM-DP-~~080~~ 099, REV. 1
JWB 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 5.719365 micrograms carbon
BLANK FACTOR = 5.719365 / 10.99878 = +5.2E-01 ug/min Carbon

SAMPLE RESULTS:
(434.1 - 5.719873)(1)/~~(1)~~ 750 = ~~+4.284E+02~~ 5.712E+2 g/L Carbon
(434.1 - 5.719873)(1)/(1)(12) = +3.570E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 03/11/95 Time: 18:45:20

Sample Size = 250 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.5 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.40	0.00
2	1.01	161.00	97.89
3	1.50	517.90	68.91
4	2.00	643.40	19.51
5	2.50	676.00	4.82
6	3.00	683.90	1.16
7	3.50	686.70	0.41
8	4.00	688.10	0.20
9	4.50	689.10	0.15
10	5.00	690.00	0.13
11	5.50	691.60	0.23
12	6.00	710.60	2.67
13	6.50	740.10	3.99
14	7.00	758.50	2.43
15	7.50	769.20	1.39
16	8.00	773.90	0.61
17	8.50	775.80	0.24
18	9.00	776.80	0.13
19	9.50	777.50	0.09
20	10.00	777.80	0.04
21	10.50	778.10	0.04
22	11.00	778.40	0.04

WHC-SD-WM-DP-080, REV. 1
095 JMW 9/15/95

USER INPUT BLANK VALUE
BLANK VALUE = 27.49695 micrograms carbon
BLANK FACTOR = 27.49695 / 10.99878 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(778.4 - 27.49969)(1)/(250) = +3.004E+00 g/L Carbon
(778.4 - 27.49969)(1)/(250)(12) = +2.503E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 48 Date: 03/11/95 Time: 19:04:41

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .52 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.10	0.00
2	1.01	29.50	99.66
3	1.50	119.40	75.29
4	2.00	211.00	43.41
5	2.50	267.20	21.03
6	3.00	293.50	8.96
7	3.50	303.80	3.39
8	4.00	307.10	1.07
9	4.50	308.90	0.58
10	5.00	309.90	0.32
11	5.50	310.70	0.26
12	6.00	311.30	0.19
13	6.50	312.00	0.22
14	7.00	312.50	0.16
15	7.50	313.00	0.16
16	8.00	313.40	0.13
17	8.50	313.90	0.16
18	9.00	314.30	0.13
19	9.50	314.70	0.13
20	10.00	315.00	0.10
21	10.50	315.30	0.10
22	11.00	315.60	0.10

WHC-SD-WM-DP- ~~080~~ 099 REV. 1
9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 5.719365 micrograms carbon
BLANK FACTOR = 5.719365 / 10.99878 = +5.2E-01 ug/min Carbon

SAMPLE RESULTS:
(315.6 - 5.718921)(1)/(1) = +3.099E+02 g/L Carbon
(315.6 - 5.718921)(1)/(1)(12) = +2.582E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0784g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 48 Date: 03/11/95 Time: 19:16:39

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.5 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	4.00	0.00
2	1.00	69.00	94.20
3	1.50	184.90	62.68
4	2.00	249.20	25.80
5	2.50	278.20	10.42
6	3.00	295.10	5.73
7	3.50	304.40	3.06
8	4.00	311.50	2.28
9	4.50	316.70	1.64
10	5.00	320.40	1.15
11	5.50	324.00	1.11
12	6.00	326.10	0.64
13	6.50	328.20	0.64
14	7.00	329.60	0.42
15	7.50	330.90	0.39
16	8.00	332.00	0.33
17	8.50	333.00	0.30
18	9.00	333.80	0.24
19	9.50	334.50	0.21
20	10.00	335.00	0.15
21	10.50	335.50	0.15
22	11.00	335.90	0.12

WHC-SD-WM-DP-680, REV. 1
1/99 JWS 3/24/95

USER INPUT BLANK VALUE
BLANK VALUE = 27.49695 micrograms carbon
BLANK FACTOR = 27.49695 / 10.99878 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(335.9 - 27.49969)(1)/(1) = +3.084E+02 g/L Carbon
(335.9 - 27.49969)(1)/(1)(12) = +2.570E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.0784

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 48 Date: 03/11/95 Time: 19:33:35

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .52 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.10	0.00
2	1.01	45.90	97.60
3	1.51	137.00	66.50
4	2.00	220.30	37.81
5	2.50	284.70	22.62
6	3.00	325.40	12.51
7	3.50	352.80	7.77
8	4.00	367.20	3.92
9	4.50	375.00	2.08
10	5.00	378.90	1.03
11	5.50	381.00	0.55
12	6.00	382.20	0.31
13	6.50	383.30	0.29
14	7.00	384.00	0.18
15	7.50	384.80	0.21
16	8.00	385.40	0.16
17	8.50	386.00	0.16
18	9.00	386.50	0.13
19	9.50	386.90	0.10
20	10.00	387.50	0.15
21	10.50	388.00	0.13
22	11.00	388.30	0.08

WHC-SD-WM-DP-~~080~~ 099, REV. 1
9/12/95

USER INPUT BLANK VALUE
BLANK VALUE = 5.719365 micrograms carbon
BLANK FACTOR = 5.719365 / 10.99878 = +5.2E-01 ug/min Carbon

SAMPLE RESULTS:
(388.3 - 5.718857)(1)/(1) = +3.826E+02 g/L Carbon
(388.3 - 5.718857)(1)/(1)(12) = +3.188E+01 Molar Carbon

Sample Run By: _____
KR MONTEITH 00000

.1005g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 48 Date: 03/11/95 Time: 19:46:36

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.5 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	2.30	0.00
2	1.01	39.30	94.15
3	1.51	134.30	70.74
4	2.01	207.40	35.25
5	2.51	247.50	16.20
6	3.01	270.10	8.37
7	3.50	285.60	5.43
8	4.00	297.00	3.84
9	4.50	305.40	2.75
10	5.00	312.60	2.30
11	5.50	318.60	1.88
12	6.00	323.40	1.48
13	6.50	327.60	1.28
14	7.00	331.20	1.09
15	7.50	334.60	1.02
16	8.00	337.90	0.98
17	8.50	340.70	0.82
18	9.00	343.50	0.82
19	9.50	345.70	0.64
20	10.00	347.50	0.52
21	10.50	349.20	0.49
22	11.00	350.90	0.48

WHC-SD-WM-DP-080, REV. 1

USER INPUT BLANK VALUE
BLANK VALUE = 27.49695 micrograms carbon
BLANK FACTOR = 27.49695 / 10.99878 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(350.9 - 27.50366)(1)/(1) = +3.234E+02 g/L Carbon
(350.9 - 27.50366)(1)/(1)(12) = +2.695E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.1005 g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 224 Date: 03/11/95 Time: 21:36:43

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .52 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	10.80	100.00
3	1.51	85.50	87.37
4	2.00	177.00	51.69
5	2.50	242.10	26.89
6	3.00	277.00	12.60
7	3.50	291.90	5.10
8	4.00	298.70	2.28
9	4.50	301.90	1.06
10	5.00	303.90	0.66
11	5.50	305.60	0.56
12	6.00	307.40	0.59
13	6.50	308.60	0.39
14	7.00	309.90	0.42
15	7.50	311.20	0.42
16	8.00	312.60	0.45
17	8.50	313.80	0.38
18	9.00	315.20	0.44
19	9.50	316.10	0.28
20	10.00	317.40	0.41
21	10.50	318.30	0.28
22	11.00	319.30	0.31

WHC-SD-WM-DP-~~080~~ 099, REV. 1
JW 9/23/95

USER INPUT BLANK VALUE
BLANK VALUE = 5.719365 micrograms carbon
BLANK FACTOR = 5.719365 / 10.99878 = +5.2E-01 ug/min Carbon

SAMPLE RESULTS:
(319.3 - 5.718476)(1)/(1) = +3.136E+02 g/L Carbon
(319.3 - 5.718476)(1)/(1)(12) = +2.613E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.06462

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 224 Date: 03/11/95 Time: 21:48:48

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.5 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	5.70	0.00
2	1.01	138.10	95.87
3	1.50	325.80	57.61
4	2.00	438.80	25.75
5	2.50	494.70	11.30
6	3.00	526.00	5.95
7	3.50	544.90	3.47
8	4.00	557.40	2.24
9	4.50	566.50	1.61
10	5.00	573.10	1.15
11	5.50	577.90	0.83
12	6.00	581.70	0.65
13	6.50	584.60	0.50
14	7.00	587.20	0.44
15	7.50	588.70	0.25
16	8.00	590.00	0.22
17	8.50	590.90	0.15
18	9.00	591.80	0.15
19	9.50	592.30	0.08
20	10.00	592.80	0.08
21	10.50	593.30	0.08
22	11.00	593.70	0.07

WHC-SD-WM-DP-~~080~~ 099, REV. 1 AW 9/26/95

USER INPUT BLANK VALUE
BLANK VALUE = 27.49695 micrograms carbon
BLANK FACTOR = 27.49695 / 10.99878 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(593.7 - 27.49908)(1)/(1) = +5.662E+02 g/L Carbon
(593.7 - 27.49908)(1)/(1)(12) = +4.718E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.0646 g.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 224 Date: 03/11/95 Time: 22:00:55

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .52 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.60	0.00
2	1.01	66.00	99.09
3	1.51	173.50	61.96
4	2.00	261.30	33.60
5	2.50	327.00	20.09
6	3.00	366.80	10.85
7	3.50	387.60	5.37
8	4.00	397.40	2.47
9	4.50	401.90	1.12
10	5.00	404.60	0.67
11	5.50	406.60	0.49
12	6.00	408.30	0.42
13	6.50	409.70	0.34
14	7.00	411.10	0.34
15	7.50	412.10	0.24
16	8.00	413.40	0.31
17	8.50	414.60	0.29
18	9.00	415.90	0.31
19	9.50	417.30	0.34
20	10.00	418.40	0.26
21	10.50	419.70	0.31
22	11.00	420.80	0.26

WHC-SD-WM-DP-080, REV. 1
DMJ JW 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 5.719365 micrograms carbon
BLANK FACTOR = 5.719365 / 10.99878 = +5.2E-01 ug/min Carbon

SAMPLE RESULTS:
(420.8 - 5.720317)(1)/(1) = +4.151E+02 g/L Carbon
(420.8 - 5.720317)(1)/(1)(12) = +3.459E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0950 2

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 224 Date: 03/11/95 Time: 22:12:55

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.5 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	2.60	0.00
2	1.01	61.00	95.74
3	1.50	288.40	78.85
4	2.00	527.90	45.37
5	2.50	657.80	19.75
6	3.00	731.10	10.03
7	3.50	776.60	5.86
8	4.00	804.50	3.47
9	4.50	823.90	2.35
10	5.00	837.80	1.66
11	5.50	848.50	1.26
12	6.00	856.50	0.93
13	6.50	863.10	0.76
14	7.00	868.70	0.64
15	7.50	872.90	0.48
16	8.00	876.30	0.39
17	8.50	879.20	0.33
18	9.00	881.60	0.27
19	9.50	883.30	0.19
20	10.00	884.80	0.17
21	10.50	885.90	0.12
22	11.00	886.80	0.10

WHC-SD-WM-DP-~~080~~ 049, REV. 1
HW 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 27.49695 micrograms carbon
BLANK FACTOR = 27.49695 / 10.99878 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(886.8 - 27.49908)(1)/(1) = +8.593E+02 g/L Carbon
(886.8 - 27.49908)(1)/(1)(12) = +7.161E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

570

.0950g

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 225 Date: 03/11/95 Time: 22:27:54

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .52 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.40	0.00
2	1.00	94.90	99.58
3	1.50	291.40	67.43
4	2.00	414.10	29.63
5	2.50	493.00	16.00
6	3.00	535.80	7.99
7	3.50	554.60	3.39
8	4.00	563.50	1.58
9	4.50	567.50	0.70
10	5.00	570.70	0.56
11	5.50	573.30	0.45
12	6.00	574.90	0.28
13	6.50	576.60	0.29
14	7.00	578.10	0.26
15	7.50	579.50	0.24
16	8.00	580.80	0.22
17	8.50	581.90	0.19
18	9.00	583.00	0.19
19	9.50	584.20	0.21
20	10.00	585.20	0.17
21	10.50	586.10	0.15
22	11.00	587.10	0.17

WHC-SD-WM-DP-080, REV. 1
099 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 5.719365 micrograms carbon
BLANK FACTOR = 5.719365 / 10.99878 = +5.2E-01 ug/min Carbon

SAMPLE RESULTS:
(587.1 - 5.719365)(1)/(1) = +5.814E+02 g/L Carbon
(587.1 - 5.719365)(1)/(1)(12) = +4.845E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.1285g

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 225 Date: 03/11/95 Time: 22:40:01

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.5 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.40	0.00
2	1.01	122.70	97.23
3	1.50	489.10	74.91
4	2.00	742.50	34.13
5	2.50	866.00	14.26
6	3.00	937.10	7.59
7	3.50	983.00	4.67
8	4.00	1013.20	2.98
9	4.50	1035.40	2.14
10	5.00	1052.50	1.62
11	5.50	1065.70	1.24
12	6.00	1075.90	0.95
13	6.50	1084.20	0.77
14	7.00	1091.40	0.66
15	7.50	1096.80	0.49
16	8.00	1101.10	0.39
17	8.50	1105.50	0.40
18	9.00	1108.10	0.23
19	9.50	1110.50	0.22
20	10.00	1112.40	0.17
21	10.50	1113.90	0.13
22	11.00	1115.20	0.12

WHC-SD-WM-DP-~~080~~ 099, REV. 1

USER INPUT BLANK VALUE
BLANK VALUE = 27.49695 micrograms carbon
BLANK FACTOR = 27.49695 / 10.99878 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(1115.2 - 27.49908)(1)/(1) = +1.0877E+03 g/L Carbon
(1115.2 - 27.49908)(1)/(1)(12) = +9.0642E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

3-11-95 ~~.0856~~ .1285g

572

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 225 Date: 03/11/95 Time: 22:51:54

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .52 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.80	0.00
2	1.01	18.80	95.74
3	1.51	99.60	81.12
4	2.01	198.60	49.85
5	2.50	275.90	28.02
6	3.00	320.90	14.02
7	3.50	341.10	5.92
8	4.00	349.60	2.43
9	4.50	353.60	1.13
10	5.00	356.20	0.73
11	5.50	358.10	0.53
12	6.00	359.50	0.39
13	6.50	361.10	0.44
14	7.00	362.50	0.39
15	7.50	364.00	0.41
16	8.00	365.10	0.30
17	8.50	366.40	0.35
18	9.00	367.60	0.33
19	9.50	368.70	0.30
20	10.00	369.80	0.30
21	10.50	371.00	0.32
22	11.00	372.10	0.30

WHC-SD-WM-DP- ~~080~~ 099, REV. 1
AM 12/15/95

USER INPUT BLANK VALUE
BLANK VALUE = 5.719365 micrograms carbon
BLANK FACTOR = 5.719365 / 10.99878 = +5.2E-01 ug/min Carbon

SAMPLE RESULTS:
(372.1 - 5.720317)(1)/(1) = +3.664E+02 g/L Carbon
(372.1 - 5.720317)(1)/(1)(12) = +3.053E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.0856 g

573

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 225 Date: 03/11/95 Time: 23:04:28

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.5 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.40	0.00
2	1.00	88.00	96.14
3	1.50	345.20	74.51
4	2.00	545.20	36.68
5	2.50	648.60	15.94
6	3.00	711.30	8.81
7	3.50	753.40	5.59
8	4.00	782.40	3.71
9	4.50	803.10	2.58
10	5.00	819.00	1.94
11	5.50	831.70	1.53
12	6.00	841.40	1.15
13	6.50	849.50	0.95
14	7.00	856.00	0.76
15	7.50	861.40	0.63
16	8.00	866.00	0.53
17	8.50	869.20	0.37
18	9.00	871.80	0.30
19	9.50	873.70	0.22
20	10.00	875.20	0.17
21	10.50	876.60	0.16
22	11.00	877.50	0.10

WHC-SD-WM-DP-~~080~~, REV. (
099 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 27.49695 micrograms carbon
BLANK FACTOR = 27.49695 / 10.99878 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(877.5 - 27.49939)(1)/(1) = +8.500E+02 g/L Carbon
(877.5 - 27.49939)(1)/(1)(12) = +7.083E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.0856

LABCORE Data Entry Template for Worklist# 813

Analyst: JDS **Instrument:** TIC01 **Book #** 15N12E TIC 10N12G TOC

Method: LA-342-100 Rev/Mod A-0

Worklist Comment: C-103 TICTOC -- Use < 1 ml of sample per analysis.

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK				@TICTOC1 TIC-02	LIQUID	1	9.00	N/A	ug/mL RWS 3/30/95
		1	BLNK				@TICTOC1 TOC-02	LIQUID	1	29.4	N/A	ug/mL
		2	STD				@TICTOC1 TIC-02	LIQUID	6.00e2	5.76e+2	N/A	ug/mL
		2	STD				@TICTOC1 TOC-02	LIQUID	3.00e3	2.72e+3	N/A	ug/mL
94000012	C-103	3	SAMPLE	S95T000052	0		@TICTOC1 TIC-02	LIQUID	N/A	9.74e+3	5.00e0	ug/mL
94000012	C-103	3	SAMPLE	S95T000052	0		@TICTOC1 TOC-02	LIQUID	N/A	4.56E+3	8.00e+1	ug/mL RWS 3/30/95
94000012	C-103	4	DUP	S95T000052	0		@TICTOC1 TIC-02	LIQUID	9.74e+3	9.34e+3	N/A	ug/mL
94000012	C-103	4	DUP	S95T000052	0		@TICTOC1 TOC-02	LIQUID	4.56E+3	4.54e+3	N/A	ug/mL
94000012	C-103	5	SAMPLE	S95T000049	0		@TICTOC1 TIC-02	LIQUID	N/A	5.42e+3	5.00e0	ug/mL
94000012	C-103	5	SAMPLE	S95T000049	0		@TICTOC1 TOC-02	LIQUID	N/A	7.37e+3	8.00e1	ug/mL
94000012	C-103	6	DUP	S95T000049	0		@TICTOC1 TIC-02	LIQUID	5.42e3	5.54e+3	N/A	ug/mL
94000012	C-103	6	DUP	S95T000049	0		@TICTOC1 TOC-02	LIQUID	7.37e+3	7.42e+3	N/A	ug/mL

Final page for worklist # 813

JAK Spell 3-28-95
Analyst Signature **Date**

Analyst Signature **Date**

3-31-95
Reviewed RW Schroeder 4/3/95

Data Entry Comments: Volume ~~weights~~ JS 3-28-95 : 00052 = .100 mL 00052 Dup = .100 mL

00049 = .100 mL 00049 Dup = .075 mL

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0 WHC-SD-WM-DP-~~080~~ 099, REV 1
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 03/28/95 Time: 18:16:50

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.80	0.00
2	1.01	2.80	35.71
3	1.51	3.40	17.65
4	2.00	4.00	15.00
5	2.50	4.40	9.09
6	3.00	4.80	8.33
7	3.50	5.10	5.88
8	4.00	5.50	7.27
9	4.50	5.70	3.51
10	5.00	6.00	5.00
11	5.50	6.30	4.76
12	6.00	6.60	4.55
13	6.50	6.80	2.94
14	7.00	7.10	4.23
15	7.50	7.30	2.74
16	8.00	7.60	3.95
17	8.50	7.80	2.56
18	9.00	8.10	3.70
19	9.50	8.30	2.41
20	10.00	8.50	2.35
21	10.50	8.70	2.30
22	11.00	9.00	3.33

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 576 TO 587.

BLANK VALUE = 9 micrograms carbon
BLANK FACTOR = 9 / 11.00061 = +8.2E-01 ug/min Carbon

Sample Run By: FOR JDS 4/3/95
JD SPELLMAN 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>> WHC-SD-WM-DP-080, REV. 1
059 9/25/95

Sample: BLK Date: 03/28/95 Time: 18:30:29

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	1.10	100.00
3	1.50	2.60	57.69
4	2.00	5.40	51.85
5	2.50	8.70	37.93
6	3.00	12.20	28.69
7	3.50	14.50	15.86
8	4.00	16.60	12.65
9	4.50	18.40	9.78
10	5.00	20.00	8.00
11	5.50	21.30	6.10
12	6.00	22.40	4.91
13	6.50	23.40	4.27
14	7.00	23.90	2.09
15	7.50	24.70	3.24
16	8.00	25.40	2.76
17	8.50	26.20	3.05
18	9.00	27.10	3.32
19	9.50	27.80	2.52
20	10.00	28.40	2.11
21	10.50	29.00	2.07
22	11.00	29.40	1.36

BLANK VALUE = 29.4 micrograms carbon
BLANK FACTOR = 29.4 / 10.99878 = +2.67E+00 ug/min Carbon

<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
JD SPELLMAN 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1

Sample: 15N12E Date: 03/28/95 Time: 18:47:51

Sample Size = 700 uL
Dil Factor = 1
Blank ID # =
Blank Value = 8.2 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.50	0.00
2	1.01	10.80	95.37
3	1.51	100.60	89.26
4	2.01	218.50	53.96
5	2.51	312.70	30.12
6	3.01	364.70	14.26
7	3.51	389.30	6.32
8	4.01	399.90	2.65
9	4.50	404.00	1.01
10	5.00	405.90	0.47
11	5.50	407.20	0.32
12	6.00	408.00	0.20
13	6.50	408.60	0.15
14	7.00	409.10	0.12
15	7.50	409.60	0.12
16	8.00	410.00	0.10
17	8.50	410.30	0.07
18	9.00	410.70	0.10
19	9.50	411.00	0.07
20	10.00	411.30	0.07
21	10.50	411.60	0.07
22	11.00	411.90	0.07

USER INPUT BLANK VALUE
BLANK VALUE = 90.18999 micrograms carbon
BLANK FACTOR = 90.18999 / 10.99878 = +8.2E+00 ug/min Carbon

SAMPLE RESULTS: 9.02 RWS 3/30/95
(411.9 - ~~90.21301~~)(1)/(700) = 5.76 e-1 ~~+4.596E-01~~ g/L Carbon
(411.9 - 90.21301)(1)/(700)(12) = RWS 3/30/95 +3.830E-02 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
JD SPELLMAN 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-099, REV. 1 9/12/95

Sample: 10N12G Date: 03/28/95 Time: 19:04:14

Sample Size = 200 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.67 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	2.10	90.48
3	1.51	8.10	74.07
4	2.00	13.60	40.44
5	2.50	19.10	28.80
6	3.00	25.30	24.51
7	3.50	31.80	20.44
8	4.00	39.60	19.70
9	4.50	51.80	23.55
10	5.00	72.60	28.65
11	5.50	111.50	34.89
12	6.00	196.20	43.17
13	6.50	328.60	40.29
14	7.00	446.50	26.41
15	7.50	525.60	15.05
16	8.00	553.90	5.11
17	8.50	563.50	1.70
18	9.00	567.20	0.65
19	9.50	569.50	0.40
20	10.00	571.20	0.30
21	10.50	572.40	0.21
22	11.00	573.50	0.19

USER INPUT BLANK VALUE
BLANK VALUE = 29.36674 micrograms carbon
BLANK FACTOR = 29.36674 / 10.99878 = +2.7E+00 ug/min Carbon

SAMPLE RESULTS:
(573.5 - 29.37196)(1)/(200) = +2.721E+00 g/L Carbon
(573.5 - 29.37196)(1)/(200)(12) = +2.267E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: JD SPELLMAN 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~060~~ 059, REV. 1 9/25/95

Sample: S95T00052 Date: 03/28/95 Time: 21:25:53

Sample Size = 100 uL
Dil Factor = 1
Blank ID # =
Blank Value = 8.2 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	1.40	100.00
3	1.50	93.10	98.50
4	2.00	337.30	72.40
5	2.50	583.00	42.14
6	3.00	763.60	23.65
7	3.50	869.90	12.22
8	4.00	926.70	6.13
9	4.50	954.10	2.87
10	5.00	965.50	1.18
11	5.50	970.30	0.49
12	6.00	973.20	0.30
13	6.50	975.10	0.19
14	7.00	976.60	0.15
15	7.50	977.70	0.11
16	8.00	978.80	0.11
17	8.50	979.70	0.09
18	9.00	980.40	0.07
19	9.50	981.20	0.08
20	10.00	981.80	0.06
21	10.50	982.40	0.06
22	11.00	983.00	0.06

USER INPUT BLANK VALUE
BLANK VALUE = 90.18999 micrograms carbon
BLANK FACTOR = 90.18999 / 10.99878 = +8.2E+00 ug/min Carbon

SAMPLE RESULTS: RWS 3/30/95 9.74e+3 ug/mL
(983 - ~~90.19099~~ 90.102)(1)/(100) = RWS 3/30/95 ~~+8.928E+00~~ g/L Carbon
(983 - 90.19099)(1)/(100)(12) = +7.440E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
JD SPELLMAN 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~060~~ 099, REV. 1 9/25/96

Sample: S95T00052 Date: 03/28/95 Time: 21:44:48

Sample Size = 100 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.67 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	57.60	0.00
2	1.01	134.20	57.08
3	1.51	206.70	35.07
4	2.00	263.00	21.41
5	2.50	312.60	15.87
6	3.00	361.70	13.57
7	3.50	403.50	10.36
8	4.00	432.10	6.62
9	4.50	449.20	3.81
10	5.00	459.10	2.16
11	5.50	465.60	1.40
12	6.00	469.60	0.85
13	6.50	472.80	0.68
14	7.00	475.40	0.55
15	7.50	477.80	0.50
16	8.00	479.30	0.31
17	8.50	481.10	0.37
18	9.00	482.10	0.21
19	9.50	483.10	0.21
20	10.00	484.00	0.19
21	10.50	484.80	0.17
22	11.00	485.40	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 29.36674 micrograms carbon
BLANK FACTOR = 29.36674 / 10.99878 = +2.7E+00 ug/min Carbon

SAMPLE RESULTS:
(485.4 - 29.37684)(1)/(100) = +4.560E+00 g/L Carbon
(485.4 - 29.37684)(1)/(100)(12) = +3.800E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: JD SPELLMAN 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP- 040 049, REV. 1 9/12/95

Sample: S95T00052DUP Date: 03/28/95 Time: 22:26:43

Sample Size = 100 uL
Dil Factor = 1
Blank ID # =
Blank Value = 8.2 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	47.00	99.57
3	1.50	311.60	84.92
4	2.00	596.60	47.77
5	2.50	773.70	22.89
6	3.00	863.10	10.36
7	3.50	903.20	4.44
8	4.00	918.20	1.63
9	4.50	924.30	0.66
10	5.00	928.10	0.41
11	5.50	930.90	0.30
12	6.00	933.30	0.26
13	6.50	934.90	0.17
14	7.00	936.40	0.16
15	7.50	937.80	0.15
16	8.00	939.10	0.14
17	8.50	939.90	0.09
18	9.00	940.70	0.09
19	9.50	941.40	0.07
20	10.00	942.00	0.06
21	10.50	942.60	0.06
22	11.00	943.20	0.06

USER INPUT BLANK VALUE
BLANK VALUE = 90.18999 micrograms carbon
BLANK FACTOR = 90.18999 / 10.99878 = +8.2E+00 ug/min Carbon

9.34e+3 ug/min

SAMPLE RESULTS: RWS 3/30/95
(943.2 - ~~90.21101~~ 9.02)(1)/(100) = RWS 3/30/95 ~~+8.530E+00~~ g/L Carbon
(943.2 - 90.21101)(1)/(100)(12) = +7.108E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: JD SPELLMAN 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-080, REV. 1

Sample: S95T00052DUP Date: 03/28/95 Time: 22:51:57

Sample Size = 100 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.67 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.20	0.00
2	1.01	23.80	99.16
3	1.51	79.70	70.14
4	2.00	158.80	49.81
5	2.50	240.20	33.89
6	3.00	297.20	19.18
7	3.50	342.50	13.23
8	4.00	379.90	9.84
9	4.50	409.50	7.23
10	5.00	431.50	5.10
11	5.50	446.70	3.40
12	6.00	455.90	2.02
13	6.50	461.80	1.28
14	7.00	465.30	0.75
15	7.50	468.30	0.64
16	8.00	470.80	0.53
17	8.50	473.00	0.47
18	9.00	475.30	0.48
19	9.50	477.90	0.54
20	10.00	480.40	0.52
21	10.50	482.30	0.39
22	11.00	483.50	0.25

USER INPUT BLANK VALUE
BLANK VALUE = 29.36674 micrograms carbon
BLANK FACTOR = 29.36674 / 10.99878 = +2.7E+00 ug/min Carbon

SAMPLE RESULTS:
(483.5 - 29.36674)(1)/(100) = +4.541E+00 g/L Carbon
(483.5 - 29.36674)(1)/(100)(12) = +3.784E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
JD SPELLMAN 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
WHC-SD-WM-DP-~~080~~ 099, REV. 1 RWS 9/25/95

Sample: S95T00049 Date: 03/28/95 Time: 21:59:06

Sample Size = 100 uL
Dil Factor = 1
Blank ID # =
Blank Value = 8.2 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.40	0.00
2	1.01	8.10	95.06
3	1.51	115.20	92.97
4	2.00	262.70	56.15
5	2.50	380.90	31.03
6	3.01	458.50	16.92
7	3.50	503.20	8.88
8	4.00	523.60	3.90
9	4.50	533.20	1.80
10	5.00	537.60	0.82
11	5.50	540.50	0.54
12	6.00	542.20	0.31
13	6.50	543.70	0.28
14	7.00	544.80	0.20
15	7.50	545.90	0.20
16	8.00	546.90	0.18
17	8.50	547.70	0.15
18	9.00	548.40	0.13
19	9.50	549.10	0.13
20	10.00	549.70	0.11
21	10.50	550.30	0.11
22	11.00	550.80	0.09

USER INPUT BLANK VALUE
BLANK VALUE = 90.18999 micrograms carbon
BLANK FACTOR = 90.18999 / 10.99878 = +8.2E+00 ug/min Carbon

SAMPLE RESULTS: RWS 3/30/95
(550.8 - ~~90.205~~ 9.05)(1)/(100) = ~~+4.606E+00~~ 5.42 e+3 ug/mL g/L Carbon RWS 3/30/95
(550.8 - 90.205)(1)/(100)(12) = +3.838E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: JD SPELLMAN 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 099, REV. 1 9/25/95

Sample: S95T00049 Date: 03/28/95 Time: 22:13:24

Sample Size = 100 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.67 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.00	0.00
2	1.01	100.00	97.00
3	1.50	254.10	60.65
4	2.00	396.70	35.95
5	2.50	542.40	26.86
6	3.00	636.30	14.76
7	3.50	684.90	7.10
8	4.00	710.00	3.54
9	4.50	726.70	2.30
10	5.00	737.20	1.42
11	5.50	744.20	0.94
12	6.00	749.50	0.71
13	6.50	753.90	0.58
14	7.00	756.60	0.36
15	7.50	758.60	0.26
16	8.00	760.30	0.22
17	8.50	761.70	0.18
18	9.00	762.80	0.14
19	9.50	763.80	0.13
20	10.00	764.70	0.12
21	10.50	765.70	0.13
22	11.00	766.60	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 29.36674 micrograms carbon
BLANK FACTOR = 29.36674 / 10.99878 = +2.7E+00 ug/min Carbon

SAMPLE RESULTS:
(766.6 - 29.3687)(1)/(100) = +7.372E+00 g/L Carbon
(766.6 - 29.3687)(1)/(100)(12) = +6.144E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
JD SPELLMAN 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-~~080~~ 049 JW 9/6/95, REV. 1

Sample: S95T00049DUP Date: 03/28/95 Time: 23:10:56

Sample Size = 75 uL
Dil Factor = 1
Blank ID # =
Blank Value = 8.2 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	5.60	100.00
3	1.50	78.70	92.88
4	2.00	191.10	58.82
5	2.50	287.70	33.58
6	3.00	350.90	18.01
7	3.50	386.90	9.30
8	4.00	402.30	3.83
9	4.50	409.00	1.64
10	5.00	412.30	0.80
11	5.50	414.70	0.58
12	6.00	416.30	0.38
13	6.50	417.70	0.34
14	7.00	418.90	0.29
15	7.50	419.90	0.24
16	8.00	420.80	0.21
17	8.50	421.60	0.19
18	9.00	422.40	0.19
19	9.50	423.00	0.14
20	10.00	423.60	0.14
21	10.50	424.20	0.14
22	11.00	424.70	0.12

USER INPUT BLANK VALUE
BLANK VALUE = 90.18999 micrograms carbon
BLANK FACTOR = 90.18999 / 10.99878 = +8.2E+00 ug/min Carbon

SAMPLE RESULTS: RWS 3/30/95
(424.7 - ~~90.21301~~ 9.0)(1)/(75) = 5.54 e+3 mg/mL
(424.7 - 90.21301)(1)/(75)(12) = RWS 3/30/95 ~~+4.460E+00~~ g/L Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>> +3.717E-01 Molar Carbon

Sample Run By: _____
JD SPELLMAN 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP-099, REV. 1

Sample: S95T00049DUP Date: 03/29/95 Time: 01:32:24

Sample Size = 75 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.67 ug/minute C

Analyst : JD SPELLMAN
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	17.40	0.00
2	1.01	82.00	78.78
3	1.51	159.90	48.72
4	2.00	238.70	33.01
5	2.50	333.20	28.36
6	3.00	411.80	19.09
7	3.50	467.80	11.97
8	4.00	505.60	7.48
9	4.50	529.00	4.42
10	5.00	543.70	2.70
11	5.50	552.90	1.66
12	6.00	558.90	1.07
13	6.50	563.20	0.76
14	7.00	566.70	0.62
15	7.50	571.30	0.81
16	8.00	575.00	0.64
17	8.50	578.40	0.59
18	9.00	581.00	0.45
19	9.50	582.70	0.29
20	10.00	584.00	0.22
21	10.50	585.10	0.19
22	11.00	586.00	0.15

USER INPUT BLANK VALUE
BLANK VALUE = 29.36674 micrograms carbon
BLANK FACTOR = 29.36674 / 10.99878 = +2.7E+00 ug/min Carbon

SAMPLE RESULTS:
(586 - 29.36707)(1)/(75) = +7.422E+00 g/L Carbon
(586 - 29.36707)(1)/(75)(12) = +6.185E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
JD SPELLMAN 00000

LABCORE Data Entry Template for Worklist# 983

Analyst: DWS **Instrument:** TOC01 **Book #** TIC 15N12-E
TOC-10N12-G

Method: LA-342-100 Rev/Mod A-0

WHC-SD-WM-DP-080, REV.1 OMM gwb 9/25/95

Worklist Comment: @TICTOC1, C-103 rerun

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK				@TICTOC1 TIC-02	SOLID	1	2.90	N/A	ug/g
		1	BLNK				@TICTOC1 TOC-02	SOLID	1	2.70E+1	N/A	ug/g
		2	STD				@TICTOC1 TIC-02	SOLID	6.00e+2 3.00e3	5.89e+2 2.69e3	N/A	~~ug/g~~ mg/mL gwb 4/11/95
		2	STD				@TICTOC1 TOC-02	SOLID	~~7.50e+2~~	~~6.74e+2~~	N/A	~~ug/g~~ mg/mL gwb 4/11/95
94000012	C-103	3	SAMPLE	S95T000048	0		@TICTOC1 TIC-02	SOLID	N/A	3.90E+3	5.0	ug/g
94000012	C-103	3	SAMPLE	S95T000048	0		@TICTOC1 TOC-02	SOLID	N/A	4.36E+3	8.0E+1	ug/g
94000012	C-103	4	DUP	S95T000048	0		@TICTOC1 TIC-02	SOLID	3.90E+3	5.08e+3	N/A	ug/g
94000012	C-103	4	DUP	S95T000048	0		@TICTOC1 TOC-02	SOLID	4.36E+3	4.65E+3	N/A	ug/g
94000012	C-103	5	SPK	S95T000048	0		@TICTOC1 TIC-02	SOLID	100	107.5	N/A	~~ug/g~~ % gwb 4/11/95
94000012	C-103	5	SPK	S95T000048	0		@TICTOC1 TOC-02	SOLID	100	83.6	N/A	~~ug/g~~ % gwb 4/.

Final page for worklist # 983

Robert W. Schroeder For Dave Smith
Analyst Signature **Date** 4-11-95

Analyst Signature **Date** 4/13/95

Worklist approved 4/13/95

Data Entry Comments:

Sample wt - 0.0743g
Duplicate Sample wt. - 0.0540g
Sample + Spike Sample wt. - 0.0551 (TIC 250 λ TOC 050

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

LABCORE Data Entry Template for Worklist# 983

Analyst: DVS **Instrument:** TOC01 **Book #** TIC: 15N12-E TOC - 10N12-G

Method: LA-342-100 Rev/Mod A-0

Worklist Comment: @TICTOC1, C-103 rerun WHC-SD-WM-DP-~~050~~ 099 REV. 1 9/27/95

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK				@TICTOC1 TIC-02	SOLID			N/A	ug/g
		1	BLNK				@TICTOC1 TOC-02	SOLID			N/A	ug/g
		2	STD				@TICTOC1 TIC-02	SOLID			N/A	ug/g
		2	STD				@TICTOC1 TOC-02	SOLID			N/A	ug/g
94000012	C-103	3	SAMPLE	S95T000048	0		@TICTOC1 TIC-02	SOLID	N/A			ug/g
94000012	C-103	4	DUP	S95T000048	0		@TICTOC1 TIC-02	SOLID			N/A	ug/g
94000012	C-103	4	DUP	S95T000048	0		@TICTOC1 TOC-02	SOLID			N/A	ug/g
94000012	C-103	5	SPK	S95T000048	0		@TICTOC1 TIC-02	SOLID			N/A	ug/g
94000012	C-103	5	SPK	S95T000048	0		@TICTOC1 TOC-02	SOLID			N/A	ug/g

Final page for worklist # 983

Analyst Signature **Date** 4-5-95 **Analyst Signature** **Date**

Original worklist included to show proper signature. Worklist was edited for sample #. RWS 4.11.95

Data Entry Comments: Sample wt. - 0.0743g
(Dup) Sample wt. - 0.0540
Sample wT for SPIKE - 0.0551 TIC 250mL TOC 050mL

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 04/05/95 Time: 10:19:32

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.10	0.00
2	1.01	0.20	50.00
3	1.51	0.30	33.33
4	2.01	0.40	25.00
5	2.50	0.60	33.33
6	3.00	0.90	33.33
7	3.50	1.10	18.18
8	4.00	1.20	8.33
9	4.50	1.40	14.29
10	5.00	1.60	12.50
11	5.50	1.70	5.88
12	6.00	1.80	5.56
13	6.50	1.90	5.26
14	7.00	2.10	9.52
15	7.50	2.10	0.00
16	8.00	2.30	8.70
17	8.50	2.50	8.00
18	9.00	2.50	0.00
19	9.50	2.60	3.85
20	10.00	2.70	3.70
21	10.50	2.90	6.90
22	11.00	2.90	0.00

WHC-SD-WM-DP-080, REV. 1
099 AW 9/25/95

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 590 TO 599.

BLANK VALUE = 2.9 micrograms carbon
BLANK FACTOR = 2.9 / 10.99982 = +2.6E-01 ug/min Carbon

Sample Run By: DW Smith
DW SMITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 04/05/95 Time: 10:33:09

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.00	0.60	100.00
3	1.50	5.20	88.46
4	2.00	12.70	59.06
5	2.50	17.70	28.25
6	3.00	19.30	8.29
7	3.50	20.20	4.46
8	4.00	21.10	4.27
9	4.50	22.10	4.52
10	5.00	22.90	3.49
11	5.50	23.40	2.14
12	6.00	23.90	2.09
13	6.50	24.30	1.65
14	7.00	24.70	1.62
15	7.50	25.10	1.59
16	8.00	25.50	1.57
17	8.50	25.80	1.16
18	9.00	26.00	0.77
19	9.50	26.30	1.14
20	10.00	26.50	0.75
21	10.50	26.80	1.12
22	11.00	27.00	0.74

WHC-SD-WM-DP-~~080~~ 099, REV. 1
9/24/95

BLANK VALUE = 27 micrograms carbon
BLANK FACTOR = 27 / 10.99969 = +2.45E+00 ug/min Carbon

<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: DW SMITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 04/05/95 Time: 10:49:15

Sample Size = 1000uL
Dil Factor = 1
Blank ID # =
Blank Value = .26 ug/minute C

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	3.40	0.00
2	1.01	18.70	81.82
3	1.50	68.90	72.86
4	2.00	202.40	65.96
5	2.50	353.30	42.71
6	3.00	465.00	24.02
7	3.50	529.70	12.21
8	4.00	561.50	5.66
9	4.50	575.40	2.42
10	5.00	581.60	1.07
11	5.50	584.60	0.51
12	6.00	586.40	0.31
13	6.50	587.30	0.15
14	7.00	588.20	0.15
15	7.50	589.00	0.14
16	8.00	589.60	0.10
17	8.50	590.10	0.08
18	9.00	590.70	0.10
19	9.50	591.00	0.05
20	10.00	591.40	0.07
21	10.50	591.70	0.05
22	11.00	592.10	0.07

WHC-SD-WM-DP-~~080~~ 099, REV. 1 9/26/95

USER INPUT BLANK VALUE
BLANK VALUE = 2.859921 micrograms carbon
BLANK FACTOR = 2.859921 / 10.99969 = +2.6E-01 ug/min Carbon

SAMPLE RESULTS:
(592.1 - 2.859952)(1)/(1) = +5.892E+02 g/L Carbon
(592.1 - 2.859952)(1)/(1)(12) = +4.910E+01 Molar Carbon

Sample Run By: DW SMITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 04/05/95 Time: 11:02:04

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 245 ug/minute C

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.00	4.20	100.00
3	1.50	134.40	96.88
4	2.00	431.30	68.84
5	2.50	602.70	28.44
6	3.00	657.60	8.35
7	3.50	677.30	2.91
8	4.00	683.60	0.92
9	4.50	687.50	0.57
10	5.00	689.40	0.28
11	5.50	691.10	0.25
12	6.00	692.70	0.23
13	6.50	694.00	0.19
14	7.00	695.20	0.17
15	7.50	696.00	0.11
16	8.00	696.90	0.13
17	8.50	697.70	0.11
18	9.00	698.40	0.10
19	9.50	699.00	0.09
20	10.00	699.70	0.10
21	10.50	700.10	0.06
22	11.00	700.50	0.06

WHC-SD-WM-DP-~~080~~ 099, REV. 1 [illegible] 01/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 2694.925 micrograms carbon
BLANK FACTOR = 2694.925 / 10.99969 = +2.450E+02 ug/min Carbon

SAMPLE RESULTS: 270 RWS 4.11.95
(700.5 - ~~2694.925~~)(1)/(1) = RWS 4.11.95 6.74 E+2 mg/ml ~~< 5.00 E-3 g~~/L Carbon
(700.5 - 2694.925)(1)/(1)(12) = < 4.17 E-4 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: [signature]
DW SMITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: S95T000048 Date: 04/05/95 Time: 13:29:23

Sample Size = 743 uL
Dil Factor = 1
Blank ID # =
Blank Value = .26 ug/minute C

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	2.50	0.00
2	1.01	12.40	79.84
3	1.50	108.90	88.61
4	2.01	186.90	41.73
5	2.50	235.30	20.57
6	3.00	261.50	10.02
7	3.50	274.70	4.81
8	4.00	281.10	2.28
9	4.50	283.90	0.99
10	5.00	285.60	0.60
11	5.50	286.60	0.35
12	6.00	287.80	0.42
13	6.50	288.50	0.24
14	7.00	289.20	0.24
15	7.50	289.70	0.17
16	8.00	290.30	0.21
17	8.50	290.80	0.17
18	9.00	291.20	0.14
19	9.50	291.70	0.17
20	10.00	292.10	0.14
21	10.50	292.40	0.10
22	11.00	292.80	0.14

WHC-SD-WM-DP- ~~080~~ 099 REV. 1 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 2.859921 micrograms carbon
BLANK FACTOR = 2.859921 / 10.99969 = +2.6E-01 ug/min Carbon

SAMPLE RESULTS:
(292.8 - 2.859905)(1)/(743) = +3.902E-01 g/L Carbon
(292.8 - 2.859905)(1)/(743)(12) = +3.252E-02 Molar Carbon

Sample Run By: DW SMITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: S95T000048 Date: 04/05/95 Time: 13:44:27

Sample Size = 743 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.45 ug/minute C

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	0.20	100.00
3	1.50	0.70	71.43
4	2.00	6.70	89.55
5	2.50	34.90	80.80
6	3.00	97.70	64.28
7	3.50	169.00	42.19
8	4.00	222.20	23.94
9	4.50	258.20	13.94
10	5.00	280.60	7.98
11	5.50	296.10	5.23
12	6.00	307.10	3.58
13	6.50	315.80	2.75
14	7.00	322.60	2.11
15	7.50	328.50	1.80
16	8.00	333.50	1.50
17	8.50	337.50	1.19
18	9.00	341.00	1.03
19	9.50	344.20	0.93
20	10.00	346.70	0.72
21	10.50	348.80	0.60
22	11.00	350.90	0.60

WHC-SD-WM-DP-080, REV. 1
JMT gmw 9/12/92

USER INPUT BLANK VALUE
BLANK VALUE = 26.94925 micrograms carbon
BLANK FACTOR = 26.94925 / 10.99969 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(350.9 - 26.94925)(1)/(743) = +4.360E-01 g/L Carbon
(350.9 - 26.94925)(1)/(743)(12) = +3.633E-02 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: DW SMITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 48 DUP Date: 04/05/95 Time: 13:59:39

Sample Size = 540 uL
Dil Factor = 1
Blank ID # =
Blank Value = .26 ug/minute C

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	2.00	0.00
2	1.01	11.90	83.19
3	1.50	86.70	86.27
4	2.00	157.40	44.92
5	2.50	206.90	23.92
6	3.00	237.20	12.77
7	3.50	254.20	6.69
8	4.00	262.20	3.05
9	4.50	266.80	1.72
10	5.00	269.20	0.89
11	5.50	270.50	0.48
12	6.00	271.50	0.37
13	6.50	272.40	0.33
14	7.00	273.20	0.29
15	7.50	273.80	0.22
16	8.00	274.30	0.18
17	8.50	274.90	0.22
18	9.00	275.40	0.18
19	9.50	275.90	0.18
20	10.00	276.30	0.14
21	10.50	276.90	0.22
22	11.00	277.10	0.07

WHC-SD-WM-DP-~~080~~ 099, REV. 1
2/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 2.859921 micrograms carbon
BLANK FACTOR = 2.859921 / 10.99969 = +2.6E-01 ug/min Carbon

SAMPLE RESULTS:
(277.1 - 2.859921)(1)/(540) = +5.079E-01 g/L Carbon
(277.1 - 2.859921)(1)/(540)(12) = +4.232E-02 Molar Carbon

Sample Run By: DW Smith
DW SMITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 48 DUP Date: 04/05/95 Time: 14:12:46

Sample Size = 540 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.45 ug/minute C

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.40	0.00
2	1.01	9.30	95.70
3	1.51	61.70	84.93
4	2.00	131.80	53.19
5	2.50	177.10	25.58
6	3.00	202.80	12.67
7	3.50	219.50	7.61
8	4.00	230.40	4.73
9	4.50	238.50	3.40
10	5.00	245.10	2.69
11	5.50	250.90	2.31
12	6.00	255.90	1.95
13	6.50	259.80	1.50
14	7.00	262.60	1.07
15	7.50	265.90	1.24
16	8.00	267.90	0.75
17	8.50	270.50	0.96
18	9.00	272.30	0.66
19	9.50	273.70	0.51
20	10.00	275.10	0.51
21	10.50	276.50	0.51
22	11.00	278.00	0.54

WHC-SD-WM-DP-080, REV. 1
099 9/26/95

USER INPUT BLANK VALUE
BLANK VALUE = 26.94925 micrograms carbon
BLANK FACTOR = 26.94925 / 10.99969 = +2.5E+00 ug/min Carbon

SAMPLE RESULTS:
(278 - 26.94955)(1)/(540) = +4.649E-01 g/L Carbon
(278 - 26.94955)(1)/(540)(12) = +3.874E-02 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: DW SMITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT 059
TICTOC REV 2.0 WHC-SD-WM-DP-~~080~~, REV. 1

Sample: 48 SPIKE Date: 04/05/95 Time: 14:27:37

Sample Size = 551 uL
Dil Factor = 1
Blank ID # =
Blank Value = .26 ug/minute C

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.60	0.00
2	1.01	15.10	89.40
3	1.51	108.90	86.13
4	2.00	201.10	45.85
5	2.50	267.50	24.82
6	3.01	313.70	14.73
7	3.50	338.50	7.33
8	4.00	352.30	3.92
9	4.50	359.00	1.87
10	5.00	362.90	1.07
11	5.50	364.90	0.55
12	6.00	366.50	0.44
13	6.50	367.70	0.33
14	7.00	369.30	0.43
15	7.50	370.70	0.38
16	8.00	371.90	0.32
17	8.50	373.00	0.29
18	9.00	374.70	0.45
19	9.50	376.00	0.35
20	10.00	376.90	0.24
21	10.50	377.90	0.26
22	11.00	379.10	0.32

$$\frac{(379.1 - 2.9) - (292.8 - 2.9)\left(\frac{0.0551}{0.0743}\right)}{600 \times 0.250} \cdot 100 = 107.5\%$$

rec.

USER INPUT BLANK VALUE
BLANK VALUE = 2.859921 micrograms carbon
BLANK FACTOR = 2.859921 / 10.99969 = +2.6E-01 ug/min Carbon

SAMPLE RESULTS:
(379.1 - 2.860174)(1)/(551) = +6.828E-01 g/L Carbon
(379.1 - 2.860174)(1)/(551)(12) = +5.690E-02 Molar Carbon

Sample Run By: DW SMITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

WHC-SD-WM-DP- ~~080~~ 099, REV. (

Sample: 48 SPK Date: 04/05/95 Time: 14:40:21

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 0 ug/minute C

Analyst : DW SMITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.00	0.00
2	1.01	1.30	23.08
3	1.51	5.30	75.47
4	2.00	21.30	75.12
5	2.50	77.60	72.55
6	3.00	166.30	53.34
7	3.50	242.40	31.39
8	4.00	288.60	16.01
9	4.50	315.90	8.64
10	5.00	333.60	5.31
11	5.50	345.40	3.42
12	6.00	354.60	2.59
13	6.50	361.40	1.88
14	7.00	367.00	1.53
15	7.50	371.70	1.26
16	8.00	375.60	1.04
17	8.50	379.10	0.92
18	9.00	382.10	0.79
19	9.50	384.60	0.65
20	10.00	386.80	0.57
21	10.50	389.10	0.59
22	11.00	392.60	0.89

$$\frac{(392.6-27)-(350.9-27)(0.0551/0.0743)}{3000 \times 0.050} \cdot 100 =$$

83.6 rec

USER INPUT BLANK VALUE
BLANK VALUE = 0 micrograms carbon
BLANK FACTOR = 0 / 10.99969 = +0.0E+00 ug/min Carbon

SAMPLE RESULTS:
(392.6 - 0)(1)/(1) = +3.926E+02 g/L Carbon
(392.6 - 0)(1)/(1)(12) = +3.272E+01 Molar Carbon

Sample Run By: DW SMITH 00000

LABCORE Data Entry Template for Worklist# 1061

Analyst: KRM **Instrument:** TOC01 _____ **Book #** 15N12 E TIC
10N12G TOC

Method: LA-342-100 Rev/Mod A-0

Worklist Comment: @tictoc krm c-103 WHC-SD-WM-DP-~~080~~, REV 1 089 9/25/95

GROUP	PROJECT	S	TYPE	SAMPLE#	R	A	-------TEST------	MATRIX	ACTUAL	FOUND	DL	UNIT
		1	BLNK				@TICTOC1 TIC-02	LIQUID	1	5.9	N/A	ug/mL
		1	BLNK				@TICTOC1 TOC-02	LIQUID	1	32.0	N/A	ug/mL
		2	STD				@TICTOC1 TIC-02	LIQUID	6.00E2	5.75E2	N/A	ug/mL
		2	STD				@TICTOC1 TOC-02	LIQUID	3.00E3	2.83E3	N/A	ug/mL
94000012	C-103	3	SAMPLE	S94T000200	0		@TICTOC1 TIC-02	LIQUID	N/A	~~5.24E3~~ 5.63E3	5.00e+0	ug/mL
94000012	C-103	3	SAMPLE	S94T000200	0		@TICTOC1 TOC-02	LIQUID	N/A	~~7.10E3~~ 7.63E3	8.00e+1	ug/mL
94000012	C-103	4	DUP	S94T000200	0		@TICTOC1 TIC-02	LIQUID	~~5.24E3~~ 5.63e3	~~5.41E3~~ 5.43e3	N/A	ug/mL
94000012	C-103	4	DUP	S94T000200	0		@TICTOC1 TOC-02	LIQUID	~~7.10E3~~ 7.63e3	~~7.08E3~~ 7.11e3	N/A	ug/mL

Final page for worklist # 1061

4-9-95
Analyst Signature **Date**

4-10-95

Analyst Signature **Date**

Worklist approved 4/10/95

Data Entry Comments:

Units shown for QC (SPK & STD) may not reflect the actual units. DL = Detection Limit, S = Worklist Slot Number, R = Replicate Number, A = Aliquot Code.

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 04/09/95 Time: 17:53:04

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	0.10	100.00
3	1.50	0.50	80.00
4	2.00	0.90	44.44
5	2.50	1.10	18.18
6	3.00	1.30	15.38
7	3.50	1.50	13.33
8	4.00	1.50	0.00
9	4.50	1.60	6.25
10	5.00	1.70	5.88
11	5.50	1.70	0.00
12	6.00	1.80	5.56
13	6.50	1.80	0.00
14	7.00	1.90	5.26
15	7.50	2.00	5.00
16	8.00	2.00	0.00
17	8.50	2.10	4.76
18	9.00	2.10	0.00
19	9.50	2.10	0.00
20	10.00	2.20	4.55
21	10.50	2.30	4.35
22	11.00	2.30	0.00

099 DW 9/20/95
WHC-SD-WM-DP-080, REV. 1

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 601 TO 610.

BLANK VALUE = 2.3 micrograms carbon
BLANK FACTOR = 2.3 / 11.00061 = +2.1E-01 ug/min Carbon

Sample Run By: KR MONTEITH 4-9-95 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0
<<< BLANK ANALYSIS >>>

Sample: BLK Date: 04/09/95 Time: 18:07:18

Sample Size = 1 uL
Dil Factor = 1
Blank ID # = BLK
Blank Value = N/A

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	1.30	100.00
3	1.51	8.00	83.75
4	2.00	16.50	51.52
5	2.50	19.70	16.24
6	3.00	21.70	9.22
7	3.50	22.50	3.56
8	4.00	23.60	4.66
9	4.50	24.20	2.48
10	5.00	24.70	2.02
11	5.50	25.30	2.37
12	6.00	25.70	1.56
13	6.50	26.20	1.91
14	7.00	26.60	1.50
15	7.50	26.80	0.75
16	8.00	27.10	1.11
17	8.50	27.40	1.09
18	9.00	27.60	0.72
19	9.50	27.70	0.36
20	10.00	28.10	1.42
21	10.50	28.20	0.35
22	11.00	28.30	0.35

WHC-SD-WM-DP-~~088~~ 099, REV. 1 [illegible] 3/23/95

BLANK VALUE = 28.3 micrograms carbon
BLANK FACTOR = 28.3 / 10.99976 = +2.57E+00 ug/min Carbon

<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 04/09/95 Time: 18:22:21

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .21 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	8.00	100.00
3	1.51	105.20	92.40
4	2.01	289.70	63.69
5	2.50	435.90	33.54
6	3.00	515.60	15.46
7	3.50	549.80	6.22
8	4.00	563.70	2.47
9	4.50	568.80	0.90
10	5.00	570.70	0.33
11	5.50	572.10	0.24
12	6.00	573.00	0.16
13	6.50	573.60	0.10
14	7.00	574.20	0.10
15	7.50	574.70	0.09
16	8.00	575.10	0.07
17	8.50	575.40	0.05
18	9.00	575.80	0.07
19	9.50	576.10	0.05
20	10.00	576.30	0.03
21	10.50	576.60	0.05
22	11.00	576.80	0.03

WHC-SD-WM-DP-080099, REV. 1 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 2.309949 micrograms carbon
BLANK FACTOR = 2.309949 / 10.99976 = +2.1E-01 ug/min Carbon

SAMPLE RESULTS:
(576.8 - 2.309923)(1)/~~(1)~~1000 = ~~+5.745E+03~~ 5.745E-1 mg/L Carbon
(576.8 - 2.309923)(1)/(1)(12) = +4.787E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: STD Date: 04/09/95 Time: 18:36:03

Sample Size = 300 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.57 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	9.20	100.00
3	1.50	142.00	93.52
4	2.00	502.80	71.76
5	2.50	744.10	32.43
6	3.00	830.60	10.41
7	3.50	853.60	2.69
8	4.00	860.70	0.82
9	4.50	865.10	0.51
10	5.00	867.30	0.25
11	5.50	869.20	0.22
12	6.00	870.40	0.14
13	6.50	871.40	0.11
14	7.00	872.50	0.13
15	7.50	873.60	0.13
16	8.00	874.00	0.05
17	8.50	874.70	0.08
18	9.00	875.30	0.07
19	9.50	875.80	0.06
20	10.00	876.30	0.06
21	10.50	876.60	0.03
22	11.00	877.00	0.05

WHC-SD-WM-DP-~~080~~ 049, REV. 1 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 28.26937 micrograms carbon
BLANK FACTOR = 28.26937 / 10.99976 = +2.6E+00 ug/min Carbon

SAMPLE RESULTS:
(877 - 28.26937)(1)/(300) = +2.829E+00 g/L Carbon
(877 - 28.26937)(1)/(300)(12) = +2.358E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: _____
KR MONTEITH 00000

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 200 Date: 04/09/95 Time: 20:33:58

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .21 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	8.30	100.00
3	1.50	138.70	94.02
4	2.00	312.70	55.64
5	2.50	424.70	26.37
6	3.00	489.90	13.31
7	3.50	524.20	6.54
8	4.00	541.90	3.27
9	4.50	550.70	1.60
10	5.00	554.40	0.67
11	5.50	556.70	0.41
12	6.00	558.20	0.27
13	6.50	559.70	0.27
14	7.00	560.20	0.09
15	7.50	561.30	0.20
16	8.00	561.90	0.11
17	8.50	562.40	0.09
18	9.00	563.00	0.11
19	9.50	563.60	0.11
20	10.00	564.10	0.09
21	10.50	564.40	0.05
22	11.00	564.80	0.07

WHC-SD-WM-DP-080, REV. 1 4/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 2.309949 micrograms carbon
BLANK FACTOR = 2.309949 / 10.99976 = +2.1E-01 ug/min Carbon

SAMPLE RESULTS:
(564.8 - 2.309769)(1)/(1) = +5.625E+02 g/L Carbon
(564.8 - 2.309769)(1)/(1)(12) = +4.687E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

.1074 g ⇒ .100 mL

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 200 Date: 04/09/95 Time: 20:49:29

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.57 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	15.10	100.00
3	1.51	150.00	89.93
4	2.00	398.80	62.39
5	2.50	588.70	32.26
6	3.00	683.30	13.84
7	3.50	722.10	5.37
8	4.00	740.30	2.46
9	4.50	750.80	1.40
10	5.00	758.60	1.03
11	5.50	764.30	0.75
12	6.00	768.00	0.48
13	6.50	773.20	0.67
14	7.00	776.40	0.41
15	7.50	780.50	0.53
16	8.00	782.60	0.27
17	8.50	784.60	0.25
18	9.00	786.40	0.23
19	9.50	787.50	0.14
20	10.00	788.90	0.18
21	10.50	790.10	0.15
22	11.00	791.10	0.13

WHC-SD-WM-DP-~~080~~ 099, REV. 1 9/25/95

USER INPUT BLANK VALUE
BLANK VALUE = 28.26937 micrograms carbon
BLANK FACTOR = 28.26937 / 10.99976 = +2.6E+00 ug/min Carbon

SAMPLE RESULTS:
(791.1 - 28.26718)(1)/(1) = +7.628E+02 g/L Carbon
(791.1 - 28.26718)(1)/(1)(12) = +6.357E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

.1074g ⇒ .100mL

606

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 200 Date: 04/09/95 Time: 21:03:49

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .21 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	1.40	0.00
2	1.01	35.00	96.00
3	1.51	164.90	78.78
4	2.00	315.50	47.73
5	2.50	418.20	24.56
6	3.00	477.90	12.49
7	3.50	508.00	5.93
8	4.00	522.90	2.85
9	4.50	530.40	1.41
10	5.00	533.50	0.58
11	5.50	535.70	0.41
12	6.00	537.60	0.35
13	6.50	539.00	0.26
14	7.00	540.20	0.22
15	7.50	541.10	0.17
16	8.00	542.00	0.17
17	8.50	543.00	0.18
18	9.00	543.60	0.11
19	9.50	544.20	0.11
20	10.00	544.80	0.11
21	10.50	545.30	0.09
22	11.00	545.70	0.07

WHC-SD-WM-DP-~~080~~ 099, REV. 1

USER INPUT BLANK VALUE
BLANK VALUE = 2.309949 micrograms carbon
BLANK FACTOR = 2.309949 / 10.99976 = +2.1E-01 ug/min Carbon

SAMPLE RESULTS:
(545.7 - 2.309539)(1)/(1) = +5.434E+02 g/L Carbon
(545.7 - 2.309539)(1)/(1)(12) = +4.528E+01 Molar Carbon

Sample Run By: KR MONTEITH 00000

607

: 100 g/g ⇒ .100 mc

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: 200 Date: 04/09/95 Time: 21:18:20

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.57 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	14.20	100.00
3	1.51	130.90	89.15
4	2.01	354.10	63.03
5	2.51	537.80	34.16
6	3.00	632.80	15.01
7	3.50	673.70	6.07
8	4.00	691.50	2.57
9	4.50	704.00	1.78
10	5.00	710.00	0.85
11	5.50	715.30	0.74
12	6.00	719.60	0.60
13	6.50	723.40	0.53
14	7.00	726.30	0.40
15	7.50	728.70	0.33
16	8.00	730.10	0.19
17	8.50	731.50	0.19
18	9.00	733.50	0.27
19	9.50	735.10	0.22
20	10.00	736.90	0.24
21	10.50	738.40	0.20
22	11.00	739.50	0.15

WHC-SD-WM-DP-080099 REV. 1

USER INPUT BLANK VALUE
BLANK VALUE = 28.26937 micrograms carbon
BLANK FACTOR = 28.26937 / 10.99976 = +2.6E+00 ug/min Carbon

SAMPLE RESULTS:
(739.5 - 28.26874)(1)/(1) = +7.112E+02 g/L Carbon
(739.5 - 28.26874)(1)/(1)(12) = +5.927E+01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000

603

.100 g/g ⇒ .100 mc

TIC- TOTAL INORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: R BLK Date: 04/09/95 Time: 19:00:02

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = .21 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	0.00	0.00
3	1.50	2.30	100.00
4	2.00	3.30	30.30
5	2.50	3.80	13.16
6	3.00	4.20	9.52
7	3.50	4.40	4.55
8	4.00	4.50	2.22
9	4.50	4.60	2.17
10	5.00	4.70	2.13
11	5.50	4.80	2.08
12	6.00	4.90	2.04
13	6.50	5.10	3.92
14	7.00	5.20	1.92
15	7.50	5.20	0.00
16	8.00	5.30	1.89
17	8.50	5.50	3.64
18	9.00	5.60	1.79
19	9.50	5.60	0.00
20	10.00	5.70	1.75
21	10.50	5.80	1.72
22	11.00	5.90	1.69

WHC-SD-WM-DP- 099, REV. 1

USER INPUT BLANK VALUE
BLANK VALUE = 2.309949 micrograms carbon
BLANK FACTOR = 2.309949 / 10.99976 = +2.1E-01 ug/min Carbon

SAMPLE RESULTS:
(5.9 - 2.309769)(1)/(1) = +3.6E+00 g/L Carbon
(5.9 - 2.309769)(1)/(1)(12) = +3.0E-01 Molar Carbon

Sample Run By: KR MONTEITH 00000

TOC- TOTAL ORGANIC CARBON ANALYSIS REPORT
TICTOC REV 2.0

Sample: R BLK Date: 04/09/95 Time: 20:20:44

Sample Size = 1 uL
Dil Factor = 1
Blank ID # =
Blank Value = 2.57 ug/minute C

Analyst : KR MONTEITH
Min Readings = 22
Max Readings = 22
% Difference = 10

== Reading	==== Analysis Time	==== Coulometer	==== % Difference ==
1	0.51	0.00	0.00
2	1.01	0.60	100.00
3	1.50	7.70	92.21
4	2.00	16.90	54.44
5	2.50	22.20	23.87
6	3.00	24.80	10.48
7	3.50	26.20	5.34
8	4.00	27.40	4.38
9	4.50	28.00	2.14
10	5.00	28.70	2.44
11	5.50	29.20	1.71
12	6.00	29.50	1.02
13	6.50	29.90	1.34
14	7.00	30.20	0.99
15	7.50	30.50	0.98
16	8.00	30.80	0.97
17	8.50	31.10	0.96
18	9.00	31.30	0.64
19	9.50	31.40	0.32
20	10.00	31.60	0.63
21	10.50	32.00	1.25
22	11.00	32.00	0.00

WHC-SD-WM-DP-080-019, REV. 1

USER INPUT BLANK VALUE
BLANK VALUE = 28.26937 micrograms carbon
BLANK FACTOR = 28.26937 / 10.99976 = +2.6E+00 ug/min Carbon

SAMPLE RESULTS:
(32 - 28.26718)(1)/(1) = +3.73E+00 g/L Carbon
(32 - 28.26718)(1)/(1)(12) = +3.11E-01 Molar Carbon
<<<< WARNING - BLANK VALUE EXCEEDS 1.5 ug/min Carbon!!!!!>>>>

Sample Run By: KR MONTEITH 00000