



Tuesday, August 07, 2018

Karen Waters-Husted
CH2M HILL Plateau Remediation Company
825 Jadwin Avenue
Richland, WA 99352

Re: ALS Workorder: 1807321
Project Name: AEA, JULY 2018
Project Number: I18-014

Dear Ms. Waters-Husted:

One water sample was received from CH2M HILL Plateau Remediation Company, on 7/17/2018. The sample was scheduled for the following analysis:

Technetium-99

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the method employed.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. O'Brien
Project Manager

We certify that this data package is in compliance with the SOW, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this hard copy data package has been authorized by the Laboratory Analytical Manager (or designee) and the laboratory's client services representative as verified by their signatures on this report.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 1807321

Client Name: CH2M HILL Plateau Remediation Company

Client Project Name: AEA, JULY 2018

Client Project Number: I18-014

Client PO Number: BOA 54854

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
B3JMP1	1807321-1		WATER	13-Jul-18	12:27

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		C.O.C.# 118-014-040 Page 1 of 1	
Collector: Malcom Chunn CHERC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650			
SAF No.: 118-014	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071			
Project Title: AEA, JULY 2018	Logbook No.: HNF-N-506 102	Ice Chest No.: GWS-595			
Shipped To (Lab): ALS Environmental Ft. Collins	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.: 772718546082			
Protocol: SURV	Priority: 30 Days	Offsite Property No.: 9695			
POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1		SPECIAL INSTRUCTIONS N/A			
Sample No. B3JMP1	Filter * N	Date W JUL 13 2018 12:27	Time	No/Type Container 1x500-mL G/P	Sample Analysis TC99_SEP_LSC: COMMON
				Holding Time 6 Months	Preservative HCl to pH <2

Relinquished By: Malcom Chunn CHERC	Signature MRCh	Date/Time JUL 13 2018 1330	Received By: SSU-1	Signature	Date/Time JUL 13 2018 1330
Relinquished By: SSU-1	Signature	Date/Time JUL 16 2018 0800	Received By: Jeff Lucas CHERC	Signature	Date/Time JUL 16 2018 0800
Relinquished By: Jeff Lucas CHERC	Signature	Date/Time JUL 16 2018 1400	Received By: FEDEX	Signature	Date/Time
Relinquished By: Fed Ex	Signature	Date/Time	Received By: Julie Ellingson	Signature	Date/Time 7/17/18 0809

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process):

Disposed By: _____ Date/Time: _____

Matrix *
 S = Soil
 SE = Sediment
 SO = Solid
 SL = Sludge
 W = Water
 O = Oil
 A = Air
 DS = Drum Solids
 DL = Drum Liquids
 T = Tissue
 WI = Wipe
 L = Liquid
 V = Vegetation
 X = Other

1807321

ORIGIN ID/PSCA (509) 528-9426
LESLY WALL
CH2M
6267 LATAH ST
6269 LATAH ST
RICHLAND WA 99354
UNITED STATES US

SHIP DATE: 16 JUL 18
ACTWGT: 45.00 LB
CAD: 107066051/NET3980
BILL THIRD PARTY

TO JULIE ELLINGSON
ALS GLOBAL
225 COMMERCE DRIVE

13-2

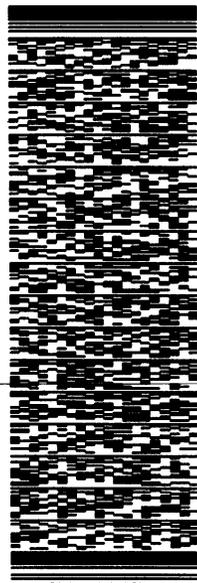
FORT COLLINS CO 80524

REF: PTR695KCOOLEER#SWS595

2.8

PO

DEPT



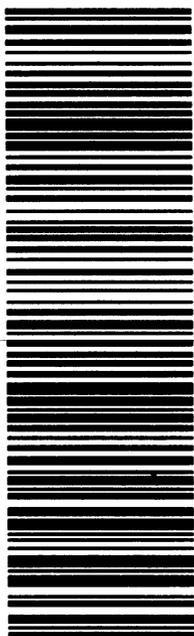
J111118012801ur

TRK# 7727 1854 6082
0201

TUE - 17 JUL 10:30A
PRIORITY OVERNIGHT

XH FTCA

DSR 80524
CO-US DEN



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
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Technetium-99

Case Narrative

CH2M HILL Plateau Remediation Company

AEA, JULY 2018 – I18-014

Work Order Number: 1807321

1. The sample was prepared according to the current revision of SOP 755, with procedure modifications outlined in QASS 378635 and 378636.
2. This sample was analyzed for the presence of ⁹⁹Tc according to the current revision of SOP 704. The analysis was completed on 07/31/2018.
3. The analysis results for this sample are reported in units of pCi/L. The sample was not filtered prior to analysis.
4. The duplicate of sample 1807320-1 shared for this work order. The duplicate was performed on a CH2M HILL Plateau Remediation Company sample. The results can be found in the following report.
5. In accordance with project specific instructions, the evaluation threshold for Relative Percent Difference (RPD) has been set at 20%. RPD is defined as:

$$RPD = \frac{|S - D|}{(S + D)/2} * 100$$

Where: S = sample activity result and D = duplicate activity result. RPD is not evaluated for sample/duplicate pairs where the reported activity for either is less than 5 times the sample specific MDC. These samples are identified with an "NC" flag on the Duplicate Sample Results (RPD) page.

6. No anomalous situations were encountered during the preparation or analysis of this sample. All quality control criteria were met.



The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Pik Yee Yuen
Pik Yee Yuen
Radiochemistry Primary Data Reviewer

8/6/18
Date

Kath M. W.
Radiochemistry Final Data Reviewer

8/7/18
Date

Technetium-99 by Liquid Scintillation

PAI 704_Tc99 Rev 11

Method Blank Results

Lab Name: ALS -- Fort Collins

Work Order Number: 1807321

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: AEA, JULY 2018 I18-014

Lab ID: TC180725-1MB

Sample Matrix: WATER

Prep Batch: TC180725-1

Final Aliquot: 250 ml

Prep SOP: PAI 755 Rev 12

QCBatchID: TC180725-1-2

Result Units: pCi/l

Date Collected: 25-Jul-18

Run ID: TC180725-1A

File Name: Manual Entry

Date Prepared: 25-Jul-18

Count Time: 60 minutes

Date Analyzed: 31-Jul-18

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Requested MDC	DL	Lab Qualifier
14133-76-7	Tc-99	2.07E+00 +/- 4.43E+00	7.31E+00	2.00E+01	NA	U

Chemical Yield Summary

Carrier/Tracer	Amount Added	Result	Units	Yield	Control Limits	Flag
Tc-99m	4.540E+03	4.32E+03	Pci	95.2	40 - 110 %	

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

Abbreviations:

TPU - Total Propagated Uncertainty

MDC - Sample specific Minimum Detectable Concentration

BDL - Below Detection Limit

M - Requested MDC not met.

B - Analyte concentration greater than MDC.

B3 - Analyte concentration greater than MDC but less than Requested MDC.

DL - Decision Level

Data Package ID: TC1807321-1

Technetium-99 by Liquid Scintillation

PAI 704_Tc99 Rev 11

Laboratory Control Sample(s)

Lab Name: ALS -- Fort Collins

Work Order Number: 1807321

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: AEA, JULY 2018 I18-014

Lab ID: TC180725-1LCS

Sample Matrix: WATER

Prep Batch: TC180725-1

Final Aliquot: 250 ml

Prep SOP: PAI 755 Rev 12

QCBatchID: TC180725-1-2

Result Units: pCi/l

Date Collected: 25-Jul-18

Run ID: TC180725-1A

File Name: Manual Entry

Date Prepared: 25-Jul-18

Count Time: 37.45 minutes

Date Analyzed: 31-Jul-18

CASNO	Target Nuclide	Results +/- 2s TPU	MDC	Spike Added	% Rec	Control Limits	Lab Qualifier
14133-76-7	Tc-99	9.78E+02 +/- 1.57E+02	9.75E+00	9.110E+02	107	75 - 125	

Chemical Yield Summary

Carrier/Tracer	Amount Added	Result	Units	Yield	Control Limits	Flag
Tc-99m	4.540E+03	4.18E+03	Pci	92.2	40 - 110 %	

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC.
 LT - Result is less than Requested MDC, greater than sample specific MDC.
 Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.
 Y2 - Chemical Yield outside default limits.
 L - LCS Recovery below lower control limit.
 H - LCS Recovery above upper control limit.
 P - LCS Recovery within control limits.
 M - The requested MDC was not met.
 M3 - The requested MDC was not met, but thereported activity is greater than the reported MDC.

Abbreviations:

TPU - Total Propagated Uncertainty
 MDC - Minimum Detectable Concentration

Data Package ID: TC1807321-1

Technetium-99 by Liquid Scintillation

PAI 704_Tc99 Rev 11

Duplicate Sample Results (DER)

Lab Name: ALS -- Fort Collins

Work Order Number: 1807321

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: AEA, JULY 2018 I18-014

Field ID:	Shared QC
Lab ID:	1807320-1DUP

Sample Matrix: WATER

Prep SOP: PAI 755 Rev 12

Date Collected: 13-Jul-18

Date Prepared: 25-Jul-18

Date Analyzed: 31-Jul-18

Prep Batch: TC180725-1

QCBatchID: TC180725-1-2

Run ID: TC180725-1A

Count Time: 60 minutes

Report Basis: Unfiltered

Final Aliquot: 250 ml

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/l

File Name: Manual Entry

CASNO	Analyte	Sample				Duplicate				DER	DER Lim
		Result +/-	2 s TPU	MDC	Flags	Result +/-	2 s TPU	MDC	Flags		
14133-76-7	Tc-99	2.61E+01 +/-	6.57E+00	7.63E+00		2.16E+01 +/-	5.82E+00	7.11E+00		1.02	3

Comments:

Duplicate Qualifiers/Flags:

U - Result is less than the sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

D - DER is greater than Control Limit of 3

LT - Result is less than Request MDC, greater than sample specific MDC

M - Requested MDC not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

L - LCS Recovery below lower control limit.

H - LCS Recovery above upper control limit.

P - LCS, Matrix Spike Recovery within control limits.

N - Matrix Spike Recovery outside control limits

Abbreviations:

TPU - Total Propagated Uncertainty

DER - Duplicate Error Ratio

BDL - Below Detection Limit

NR - Not Reported

Data Package ID: TC1807321-1

Technetium-99 by Liquid Scintillation

PAI 704_Tc99 Rev 11

Duplicate Sample Results (RPD)

Lab Name: ALS -- Fort Collins

Work Order Number: 1807321

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: AEA, JULY 2018 I18-014

Field ID:	Shared QC
Lab ID:	1807320-1DUP

Sample Matrix: WATER

Prep SOP: PAI 755 Rev 12

Date Collected: 13-Jul-18

Date Prepared: 25-Jul-18

Date Analyzed: 31-Jul-18

Prep Batch: TC180725-1

QCBatchID: TC180725-1-2

Run ID: TC180725-1A

Count Time: 60 minutes

Report Basis: Unfiltered

Final Aliquot: 250 ml

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/l

File Name: Manual Entry

CASNO	Analyte	Sample				Duplicate				RPD	RPD Lim
		Result +/-	2 s TPU	MDC	Flags	Result +/-	2 s TPU	MDC	Flags		
14133-76-7	Tc-99	2.61E+01 +/-	6.57E+00	7.63E+00		2.16E+01 +/-	5.82E+00	7.11E+00		NC	20

Comments:

Qualifiers/Flags:

+ - Duplicate RPD not within limits.

LT - Result is less than Request MDC, greater than sample specific MDC

U - Result is less than the sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

M - Requested MDC not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

L - LCS Recovery below lower control limit.

H - LCS Recovery above upper control limit.

P - LCS, Matrix Spike Recovery within control limits.

N - Matrix Spike Recovery outside control limits

NC - Not Calculated for duplicate results less than 5 times MDC

Abbreviations:

TPU - Total Propagated Uncertainty

BDL - Below Detection Limit

NR - Not Reported

Data Package ID: TC1807321-1

Technetium-99 by Liquid Scintillation

PAI 704_Tc99 Rev 11

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 1807321
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: AEA, JULY 2018 I18-014

Field ID:	Shared QC
Lab ID:	1807320-1

Sample Matrix: WATER
Prep SOP: PAI 755 Rev 12
Date Collected: 13-Jul-18
Date Prepared: 25-Jul-18
Date Analyzed: 31-Jul-18

Prep Batch: TC180725-1
QCBatchID: TC180725-1-2
Run ID: TC180725-1A
Count Time: 60 minutes
Report Basis: Unfiltered

Final Aliquot: 250 ml
Prep Basis: Unfiltered
Moisture(%): NA
Result Units: pCi/l
File Name: Manual Entry

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Requested MDC	DL	Lab Qualifier
14133-76-7	Tc-99	2.61E+01 +/- 6.57E+00	7.63E+00	2E+01	NA	

Chemical Yield Summary

Carrier/Tracer	Amount Added	Result	Units	Yield	Control Limits	Flag
Tc-99m	4.540E+03	4.14E+03	Pci	91.2	40 - 110 %	

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC.
Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.
Y2 - Chemical Yield outside default limits.
LT - Result is less than Requested MDC, greater than sample specific MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
M - The requested MDC was not met.

Abbreviations:

TPU - Total Propagated Uncertainty
MDC - Sample specific Minimum Detectable Concentration
BDL - Below Detection Limit
DL - Decision Level

Data Package ID: TC1807321-1

Technetium-99 by Liquid Scintillation

PAI 704_Tc99 Rev 11

Sample Duplicate Results

Lab Name: ALS -- Fort Collins

Work Order Number: 1807321

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: AEA, JULY 2018 I18-014

Field ID:	Shared QC
Lab ID:	1807320-1DUP

Sample Matrix: WATER

Prep SOP: PAI 755 Rev 12

Date Collected: 13-Jul-18

Date Prepared: 25-Jul-18

Date Analyzed: 31-Jul-18

Prep Batch: TC180725-1

QCBatchID: TC180725-1-2

Run ID: TC180725-1A

Count Time: 60 minutes

Report Basis: Unfiltered

Final Aliquot: 250 ml

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/l

File Name: Manual Entry

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Requested MDC	DL	Lab Qualifier
14133-76-7	Tc-99	2.16E+01 +/- 5.82E+00	7.11E+00	2E+01	NA	

Chemical Yield Summary

Carrier/Tracer	Amount Added	Result	Units	Yield	Control Limits	Flag
Tc-99m	4.540E+03	4.46E+03	Pci	98.4	40 - 110 %	

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M - The requested MDC was not met.

M3 - The requested MDC was not met, but thereported activity is greater than the reported MDC.

D - DER is greater than Control Limit of 3

Abbreviations:

TPU - Total Propagated Uncertainty

MDC - Sample specific Minimum Detectable Concentration

BDL - Below Detection Limit

DL - Decision Level

Data Package ID: TC1807321-1

Date Printed:

Friday, August 03, 2018

ALS -- Fort Collins

LIMS Version: 6.868

Page 1 of 1

Technetium-99 by Liquid Scintillation

PAI 704_Tc99 Rev 11

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 1807321

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: AEA, JULY 2018 I18-014

Field ID:	B3JMP1
Lab ID:	1807321-1

Sample Matrix: WATER

Prep SOP: PAI 755 Rev 12

Date Collected: 13-Jul-18

Date Prepared: 25-Jul-18

Date Analyzed: 31-Jul-18

Prep Batch: TC180725-1

QCBatchID: TC180725-1-2

Run ID: TC180725-1A

Count Time: 60 minutes

Report Basis: Unfiltered

Final Aliquot: 250 ml

Prep Basis: Unfiltered

Moisture(%): NA

Result Units: pCi/l

File Name: Manual Entry

Analysis ReqCode: TC99_SEP_LSC

CASNO	Target Nuclide	Result +/- 2 s TPU	MDC	Requested MDC	DL	Lab Qualifier
14133-76-7	Tc-99	4.98E+02 +/- 8.00E+01	7.01E+00	2E+01	NA	

Chemical Yield Summary

Carrier/Tracer	Amount Added	Result	Units	Yield	Control Limits	Flag
Tc-99m	4.540E+03	4.51E+03	Pci	99.4	40 - 110 %	

Comments:

Qualifiers/Flags:

U - Result is less than the sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative Yield is assumed.

Y2 - Chemical Yield outside default limits.

LT - Result is less than Requested MDC, greater than sample specific MDC.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

M - The requested MDC was not met.

Abbreviations:

TPU - Total Propagated Uncertainty

MDC - Sample specific Minimum Detectable Concentration

BDL - Below Detection Limit

DL - Decision Level

Data Package ID: TC1807321-1

Prep Batch ID: TC180725-1

Start Date: 07/25/18

End Date: 07/25/18

Concentration Method: NONE

Batch Created By: nrb

Start Time: 8:10

End Time: 8:10

Extract Method: PAI 75512

Date Created: 07/25/18

Prep Analyst: Nikki R. Brooks

Initial Volume Units: ml

Time Created: 8:11

Comments:

Final Volume Units: ml

Validated By: nrb

Date Validated: 07/26/18

Time Validated: 10:06

QC Batch ID: TC180725-1-2

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
TC180725-1	MB	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807320
TC180725-1CB1	MB	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807320
TC180725-1CB2	MB	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807320
TC180725-1CB3	MB	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807320
TC180725-1	LCS	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807320
1807320-1	DUP	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807320
1807320-1	SMP	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807320
1807321-1	SMP	B3JMP1	WATER	7/13/2018	250	250	NONE	1	1807321
1807322-1	SMP	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807322
1807441-2	SMP	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807441
1807441-4	SMP	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807441
1807441-5	SMP	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807441
1807442-1	SMP	XXXXXX	WATER	XXXXXX	250	250	NONE	1	1807442

QC Types

CAR	Carrier reference sample	DUP	Laboratory Duplicate
LCS	Laboratory Control Sample	LCSD	Laboratory Control Sample Duplicat
MB	Method Blank	MS	Laboratory Matrix Spike
MSD	Laboratory Matrix Spike Duplicate	REP	Sample replicate
RVS	Reporting Level Verification Standar	SMP	Field Sample
SYS	Sample Yield Spike		

ALS Laboratory Group - Fort Collins

QUALITY ASSURANCE SUMMARY SHEET

PAR W.O. #/ BATCH General
 TEST Tc99
 METHOD Prep
 SOP/REV (PREP) 755
 SOP/REV (ANAL) _____

Briefly document any QA or other problems or deviations associated with the analysis of samples. Problems could result from: log-in, color, odor, dilution, consistency, scheduling, equipment, or instrumentation, or may include documentation of minor deviations necessary due to unique DQO's or sample characteristics.

CLS 8/12/09

Tc99^m 711.2613.17 was used as a tracer for this batch. It has a half-life of 6 hours and therefore must be delivered the day of prep and diluted to a working level solution. The procedure noted below is standard for all Tc99^m dilutions.

1. Open the Pb shielded container and carefully remove the vial containing the Tc99^m primary standard.
2. Withdraw a 1 mL aliquot of the Tc99^m primary standard from the vial using a 10 mL syringe fitted with a hypodermic needle. Dispense the aliquot into a disposable beaker that contains ~100 mL of DI water. Cap and mix well. This intermediate solution is a 1/100x dilution of the primary standard.
3. Using a 10 mL syringe, transfer 10 mL of the intermediate solution prepared in step 2 into a disposable beaker that contains ~70 mL of DI water. Cap and mix well. This working standard solution is a 1/800x dilution of the primary standard.

CLS 8/12/09

CLS 8/12/09

Attach vendor label on the right side of page →

CLS 8/12/09

CardinalHealth
 CARDINAL HEALTH 414, LLC
 DENVER
 10400 48TH AVE, STE 8
 DENVER CO 80238
 303.373.0578

Rx# 635339
 Date Ordered: 25Jul2018
 Date/Time Prepared: 26Jul2018 00:39 MT
ALS LABORATORY GROUP
 225 COMMERCE DR
 FORT COLLINS CO 80524-2762
 1 0359 Fort Collins

Safetrac™

CAUTION
 RADIOACTIVE MATERIALS

Patent: Per Physician Order
 Product: Tc-99m **Sodium Pertechnetate Unit Dose mCi (H₂O)**
 Disp Amt: **0.52 mCi**
 Calibration: **26Jul2018 10:00 MT**

Not for Human Use For Calibration Use Only
 Indication: **Calibration**
 Dispense Date: 26Jul2018 Lot#: E18207-0002 Price(est): N/A
 Use By: 27Jul2018 00:39 MT Physician: Charles Orchard, RSO NPT:
 Notes: NDC: RPh: B. Young

Caution: Federal law prohibits dispensing without a prescription - Rx only All Tc-99m drugs are below 0.15 uCi of Mo-99m/Tc-99m at 8:00

TECHNICIAN/ANALYST Crystal Sneyd
 DEPARTMENT MANAGER Jeffery Z

DATE 8/12/09
 DATE 8/12/09

378636

FORM 302r6.doc (4/22/04)

ALS Laboratory Group - Fort Collins

QUALITY ASSURANCE SUMMARY SHEET

PAR W.O. # / BATCH Generic
 TEST Tc99
 METHOD Prep
 SOP/REV (PREP) 755
 SOP/REV (ANAL) _____

Briefly document any QA or other problems or deviations associated with the analysis of samples. Problems could result from: log-in, color, odor, dilution, consistency, scheduling, equipment, or instrumentation, or may include documentation of minor deviations necessary due to unique DQO's or sample characteristics.

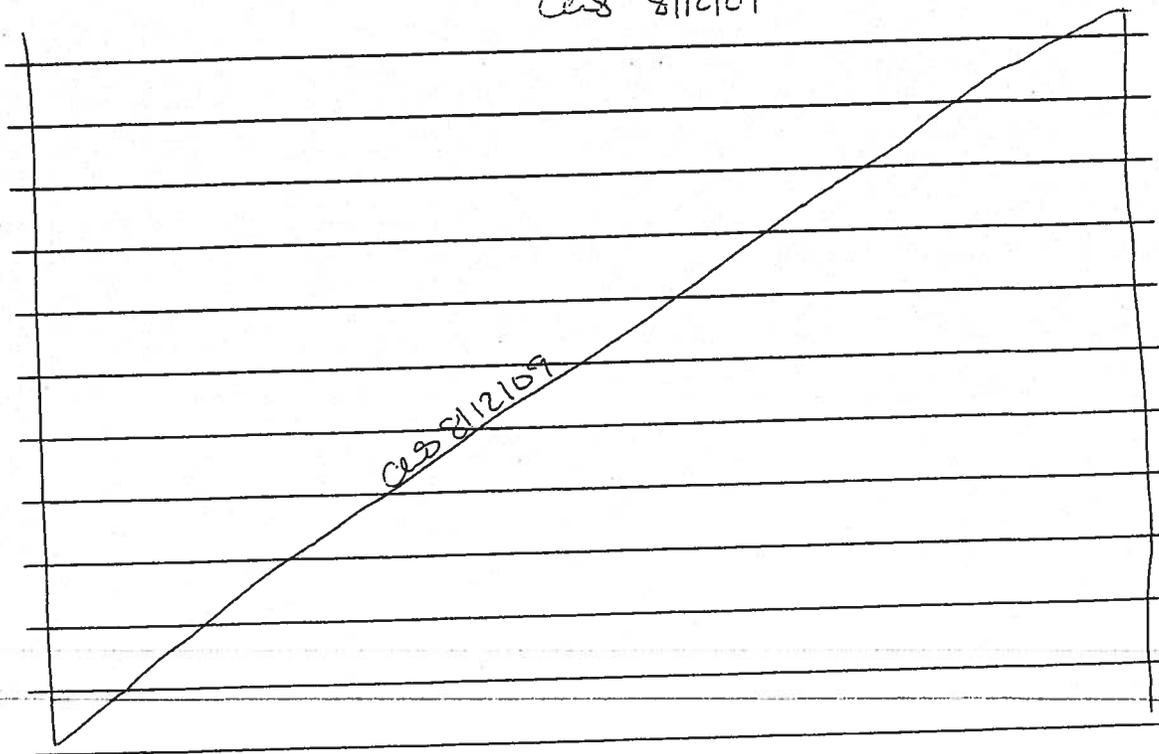
ces 8/12/09

ces 8/12/09

Due to possible matrix interference, a ferric hydroxide precipitation was performed on all samples per SOP 755, section 8.2.10

ces 8/12/09

ces 8/12/09



TECHNICIAN/ANALYST Crystal Shereff

DATE 8/12/09

DEPARTMENT MANAGER [Signature]

DATE 8/12/09

378635

FORM 302r6.doc (4/22/04)