

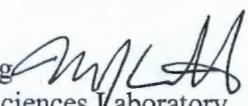
Pacific Northwest National Laboratory

Operated by Battelle for the
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November 8, 2007

Report number: PNNL-16737

To: Steve Trent

From: Michael Lindberg 
Environmental Sciences Laboratory

Subject: Citrate Analysis for SAF G07-009, SDG ESL070003

This letter contains the following information for sample delivery group ESL070003

- Cover Sheet
- Narrative
- Analytical Results



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PNNL SAF Number Cross Reference

Group#: ESL070003
Data Deliverable Date: November 8, 2007
Data Deliverable: Hard Copy Report

SAF Number	Sample ID	Matrix
G07-009	B1PDF8	Water
	B1PDH1	Water
	B1PDH7	Water
	B1PDM3	Water

Introduction

Between September 7 and September 10, 2007, 4 water samples were received for citrate analysis.

Analytical Results/Methodology

The analyses for this project were performed at the 325 building located in the 300 Area of the Hanford Site. The analyses were performed according to Pacific Northwest National Laboratory (PNNL) approved procedures and/or nationally recognized test procedures. The data sets include the sample identification numbers, analytical results, estimated quantification limits (EQL) and quality control data.

Quality Control

The preparatory and analytical quality control requirements, calibration requirements, acceptance criteria, and failure actions are defined in the on-line QA plan "Conducting Analytical Work in Support of Regulatory Programs" (CAW). This QA plan implements the Hanford Analytical Services Quality Assurance Requirements Documents (HASQARD) for PNNL.

Sample Receipt

Samples were received with a chain of custody (COC) and were analyzed according to the sample identification numbers supplied by the client. All Samples were refrigerated upon receipt until analyzed.

All samples were received with custody seals intact.

Holding Times

The prescribed holding times were met for all analytes.

Analytical Results

All reported analytical results met the requirements of the CAW.

This data package has been reviewed technically for completeness and compliance to the CAW.

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Citrate by Ion Chromatography

< value indicates that the sample EQL has been reported

Sample Name	Amount
	ug/mL
	Citrate
B1PDF8	<1.00E+00
B1PDH1	<1.00E+00
B1PDH7	<1.00E+00
B1PDM3	<1.00E+00

