



*Alpha*

Alpha Analytical Laboratories Inc.

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Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

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Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

ELAP Certificates 1551, 2728, and 2922

16 December 2016

Sample Traps, LLC

Attn: Quality Control Manager

6398 Dougherty Road, Suite 36

Dublin, CA 94568

RE: QC- 16oz. Dbl Bag (HCI) BRA

Work Order: 16K1724

Enclosed are the results of analyses for samples received by the laboratory on 11/17/16 08:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For Chelsea L. Sandelin  
Project Manager



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Sample Traps, LLC  
6398 Dougherty Road, Suite 36  
Dublin CA, 94568

Project Manager: Quality Control Manager  
Project: QC- 16oz. Dbl Bag (HCl) BRA  
Project Number: F6301FVDS

Reported:  
12/16/16 11:41

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
F6301FVDS - 01	16K1724-01	Water	11/17/16 00:00	11/17/16 08:00



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### Metals by APHA/EPA Methods

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
			Limit	Units							

**F6301FVDS - 01 (16K1724-01) Water**    **Sampled: 11/17/16 00:00**    **Received: 11/17/16 08:00**

Methyl mercury	ND	0.0200	0.0500	ng/l	1	AL63450	12/14/16 11:00	12/14/16 20:20	EPA 1630	KLS	U
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Reported:  
12/16/16 11:41

### Metals by APHA/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch AL63450 - EPA 1630

##### Blank (AL63450-BLK1)

Prepared & Analyzed: 12/14/16

Methyl mercury	ND	0.0200	0.0500	ng/l							U
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##### LCS (AL63450-BS1)

Prepared & Analyzed: 12/14/16

Methyl mercury	0.469	0.0200	0.0500	ng/l	0.500		93.7	67-133			
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##### Matrix Spike (AL63450-MS1)

Source: 16K1724-01

Prepared & Analyzed: 12/14/16

Methyl mercury	0.361	0.0200	0.0500	ng/l	0.500	ND	72.3	65-135			
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##### Matrix Spike (AL63450-MS2)

Source: 16L0387-02

Prepared: 12/14/16 Analyzed: 12/15/16

Methyl mercury	0.574	0.0200	0.0500	ng/l	0.500	ND	115	65-135			
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##### Matrix Spike Dup (AL63450-MSD1)

Source: 16K1724-01

Prepared & Analyzed: 12/14/16

Methyl mercury	0.284	0.0200	0.0500	ng/l	0.500	ND	56.8	65-135	23.9	35	QM-07
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##### Matrix Spike Dup (AL63450-MSD2)

Source: 16L0387-02

Prepared: 12/14/16 Analyzed: 12/15/16

Methyl mercury	0.572	0.0200	0.0500	ng/l	0.500	ND	114	65-135	0.443	35	
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### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
U	Analyte included in analysis, but not detected at or above MDL.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
MDL	Method detection limit
Rec	Recovery
RPD	Relative Percent Difference

