



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

11 September 2023

Sample Traps, LLC

Attn: Quality Control Manager

262 Rickenbacker Circle

Livermore, CA 94551

RE: QC- 16oz Clear Glass Jar

Work Order: 23H3704

Enclosed are the results of analyses for samples received by the laboratory on 08/21/23 12:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Chelsea L. Sandelin

Project Manager



alpha

Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz Clear Glass Jar Project Number: Lot Number R3220CUHS	Reported: 09/11/23 13:48
---	---	-----------------------------

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
 Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
 North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
 San Diego: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | 760-930-2555 | ELAP# 3055
 Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
R3220CUHS	23H3704-01	Water	08/24/23 00:00	08/21/23 12:00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 16oz Clear Glass Jar
 Project Number: Lot Number R3220CUHS

Reported:
 09/11/23 13:48

Metals (Drinking Water) by EPA 200 Series Methods

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit	Units								
R3220CUHS (23H3704-01) Water												
			Sampled: 08/24/23 00:00				Received: 08/21/23 12:00				P-02	
Calcium	ND	0.080	1.0	mg/L	1	AH35031	08/29/23 14:43	08/29/23 17:24	EPA 200.7	BED	1551	U
Magnesium	ND	0.030	1.0	mg/L	1	AH35031	08/29/23 14:43	08/29/23 17:24	EPA 200.7	BED	1551	U
Potassium	ND	0.20	1.0	mg/L	1	AH35031	08/29/23 14:43	08/29/23 17:24	EPA 200.7	BED	1551	U
Sodium	0.33	0.30	1.0	mg/L	1	AH35031	08/29/23 14:43	08/30/23 16:04	EPA 200.7	BED	1551	J



Alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 16oz Clear Glass Jar
Project Number: Lot Number R3220CUHS

Reported:
09/11/23 13:48

Metals by EPA 200 Series Methods

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit										
R3220CUHS (23H3704-01) Water Sampled: 08/24/23 00:00 Received: 08/21/23 12:00													
Mercury	ND	0.020	0.020		ug/L	1	AH34969	08/29/23 05:45	08/29/23 13:47	EPA 245.1	LMR	1551	U
Tin	ND	0.0060	0.050		mg/L	1	AH35031	08/29/23 14:43	08/29/23 17:24	EPA 200.7	BED	1551	U



Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 16oz Clear Glass Jar
Project Number: Lot Number R3220CUHS

Reported:
09/11/23 13:48

Metals by EPA Method 200.8 ICP/MS

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

R3220CUHS (23H3704-01) Water Sampled: 08/24/23 00:00 Received: 08/21/23 12:00

P-02

Aluminum	16	5.0	10	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	
Antimony	ND	0.20	0.50	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Arsenic	0.44	0.40	0.50	ug/L	1	AI33217	09/05/23 11:26	09/08/23 18:24	EPA 200.8	SMP	1551	J
Barium	0.74	0.20	0.50	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	
Beryllium	ND	0.050	0.10	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Boron	ND	20	100	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Cadmium	ND	0.060	0.10	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Chromium	ND	0.50	0.50	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Cobalt	ND	0.040	0.10	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Copper	ND	0.40	0.50	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Iron	ND	10	50	ug/L	1	AI33217	09/05/23 11:26	09/08/23 18:24	EPA 200.8	SMP	1551	U
Lead	ND	0.060	0.25	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Manganese	ND	2.0	5.0	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Molybdenum	ND	0.070	0.25	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Nickel	ND	0.30	0.50	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Selenium	ND	0.30	2.0	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Silver	ND	0.20	0.20	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Thallium	ND	0.050	0.10	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U
Vanadium	0.56	0.50	1.0	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	J
Zinc	ND	2.0	5.0	ug/L	1	AI33217	09/05/23 11:26	09/05/23 21:22	EPA 200.8	SMP	1551	U



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 16oz Clear Glass Jar
Project Number: Lot Number R3220CUHS

Reported:
09/11/23 13:48

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
R3220CUHS (23H3704-01) Water Sampled: 08/24/23 00:00 Received: 08/21/23 12:00												
Total Organic Carbon	ND	0.300	0.300	mg/L	1	AH34808	08/25/23 14:56	08/25/23 22:15	SM5310C	JJ	1551	U



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 16oz Clear Glass Jar
Project Number: Lot Number R3220CUHS

Reported:
09/11/23 13:48

Anions by EPA Method 300.0

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit										
R3220CUHS (23H3704-01) Water Sampled: 08/24/23 00:00 Received: 08/21/23 12:00													
Fluoride	ND	0.020	0.10		mg/L	1	AH34895	08/28/23 15:21	08/28/23 15:21	EPA 300.0	SM	1551	U
Nitrate as NO3	ND	0.20	1.0		mg/L	1	AH34895	08/28/23 15:21	08/28/23 15:21	EPA 300.0	SM	1551	T-02, U
Nitrite as NO2	ND	0.070	1.0		mg/L	1	AH34895	08/28/23 15:21	08/28/23 15:21	EPA 300.0	SM	1551	T-02, U
Sulfate as SO4	ND	0.20	0.50		mg/L	1	AH34895	08/28/23 15:21	08/28/23 15:21	EPA 300.0	SM	1551	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 16oz Clear Glass Jar
Project Number: Lot Number R3220CUHS

Reported:
09/11/23 13:48

Metals (Drinking Water) by EPA 200 Series Methods - Quality Control

Table with 12 columns: Analyte, Result, MDL, Reporting Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch AH35031 - Metals Digest

Blank (AH35031-BLK1)

Prepared & Analyzed: 08/29/23

Table with 12 columns showing results for Calcium, Magnesium, Potassium, and Sodium in a blank sample.

LCS (AH35031-BS1)

Prepared & Analyzed: 08/29/23

Table with 12 columns showing results for Calcium, Magnesium, Potassium, and Sodium in a LCS sample.

Duplicate (AH35031-DUP1)

Source: 23H3713-01

Prepared & Analyzed: 08/29/23

Table with 12 columns showing results for Calcium, Magnesium, Potassium, and Sodium in a duplicate sample.

Matrix Spike (AH35031-MS1)

Source: 23H3713-01

Prepared & Analyzed: 08/29/23

Table with 12 columns showing results for Calcium, Magnesium, Potassium, and Sodium in a matrix spike sample.

Matrix Spike Dup (AH35031-MSD1)

Source: 23H3713-01

Prepared & Analyzed: 08/29/23

Table with 12 columns showing results for Calcium, Magnesium, Potassium, and Sodium in a matrix spike duplicate sample.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz Clear Glass Jar Project Number: Lot Number R3220CUHS	Reported: 09/11/23 13:48
---	---	-----------------------------

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH34969 - Hg Digest

Blank (AH34969-BLK1)					Prepared & Analyzed: 08/29/23						
Mercury	ND	0.020	0.020	ug/L							U
LCS (AH34969-BS1)					Prepared & Analyzed: 08/29/23						
Mercury	0.254	0.020	0.020	ug/L	0.250		102	85-115			
Duplicate (AH34969-DUP1)					Source: 23H3701-01 Prepared & Analyzed: 08/29/23						
Mercury	ND	0.020	0.020	ug/L		ND				20	U
Matrix Spike (AH34969-MS1)					Source: 23H3701-01 Prepared & Analyzed: 08/29/23						
Mercury	0.254	0.020	0.020	ug/L	0.250	ND	102	70-130			
Matrix Spike (AH34969-MS2)					Source: 23H3704-01 Prepared & Analyzed: 08/29/23						
Mercury	0.255	0.020	0.020	ug/L	0.250	ND	102	70-130			
Matrix Spike Dup (AH34969-MSD1)					Source: 23H3701-01 Prepared & Analyzed: 08/29/23						
Mercury	0.252	0.020	0.020	ug/L	0.250	ND	101	70-130	0.791	20	

Batch AH35031 - Metals Digest

Blank (AH35031-BLK1)					Prepared & Analyzed: 08/29/23						
Tin	ND	0.0060	0.050	mg/L							U
LCS (AH35031-BS1)					Prepared & Analyzed: 08/29/23						
Tin	0.199	0.0060	0.050	mg/L	0.200		99.6	85-115			
Duplicate (AH35031-DUP1)					Source: 23H3713-01 Prepared & Analyzed: 08/29/23						
Tin	ND	0.0060	0.050	mg/L		ND				20	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz Clear Glass Jar Project Number: Lot Number R3220CUHS	Reported: 09/11/23 13:48
---	---	-----------------------------

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35031 - Metals Digest

Matrix Spike (AH35031-MS1)		Source: 23H3713-01			Prepared & Analyzed: 08/29/23						
Tin	0.196	0.0060	0.050	mg/L	0.200	ND	97.8	70-130			
Matrix Spike Dup (AH35031-MSD1)		Source: 23H3713-01			Prepared & Analyzed: 08/29/23						
Tin	0.199	0.0060	0.050	mg/L	0.200	ND	99.7	70-130	1.90	20	



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz Clear Glass Jar Project Number: Lot Number R3220CUHS	Reported: 09/11/23 13:48
---	---	-----------------------------

Metals by EPA Method 200.8 ICP/MS - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33217 - EPA 200.8

Blank (AI33217-BLK1)

Prepared & Analyzed: 09/05/23

Aluminum	ND	5.0	10	ug/L							U
Antimony	ND	0.20	0.50	ug/L							U
Arsenic	ND	0.40	0.50	ug/L							U
Barium	ND	0.20	0.50	ug/L							U
Beryllium	ND	0.050	0.10	ug/L							U
Boron	ND	20	100	ug/L							U
Cadmium	ND	0.060	0.10	ug/L							U
Chromium	ND	0.50	0.50	ug/L							U
Cobalt	ND	0.040	0.10	ug/L							U
Copper	ND	0.40	0.50	ug/L							U
Iron	ND	10	50	ug/L							U
Lead	ND	0.060	0.25	ug/L							U
Manganese	ND	2.0	5.0	ug/L							U
Molybdenum	ND	0.070	0.25	ug/L							U
Nickel	ND	0.30	0.50	ug/L							U
Selenium	ND	0.30	2.0	ug/L							U
Silver	ND	0.20	0.20	ug/L							U
Thallium	ND	0.050	0.10	ug/L							U
Vanadium	ND	0.50	1.0	ug/L							U
Zinc	ND	2.0	5.0	ug/L							U

LCS (AI33217-BS1)

Prepared & Analyzed: 09/05/23

Aluminum	490	5.0	10	ug/L	520		94.3	85-115			
Antimony	19.6	0.20	0.50	ug/L	20.0		98.1	85-115			
Arsenic	21.4	0.40	0.50	ug/L	20.0		107	85-115			
Barium	19.6	0.20	0.50	ug/L	20.0		97.8	85-115			
Beryllium	19.7	0.050	0.10	ug/L	20.0		98.6	85-115			
Boron	96.3	20	100	ug/L	100		96.3	85-115			J
Cadmium	19.6	0.060	0.10	ug/L	20.0		98.1	85-115			
Chromium	19.6	0.50	0.50	ug/L	20.0		97.8	85-115			
Cobalt	19.6	0.040	0.10	ug/L	20.0		97.8	85-115			
Copper	19.0	0.40	0.50	ug/L	20.0		94.9	85-115			
Iron	494	10	50	ug/L	520		95.0	85-115			
Lead	19.5	0.060	0.25	ug/L	20.0		97.6	85-115			
Manganese	18.9	2.0	5.0	ug/L	20.0		94.6	85-115			
Molybdenum	19.7	0.070	0.25	ug/L	20.0		98.4	85-115			
Nickel	19.5	0.30	0.50	ug/L	20.0		97.4	85-115			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz Clear Glass Jar Project Number: Lot Number R3220CUHS	Reported: 09/11/23 13:48
---	---	-----------------------------

Metals by EPA Method 200.8 ICP/MS - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33217 - EPA 200.8

LCS (AI33217-BS1)

Prepared & Analyzed: 09/05/23

Selenium	20.1	0.30	2.0	ug/L	20.0		101	85-115			
Silver	19.5	0.20	0.20	ug/L	20.0		97.7	85-115			
Thallium	19.5	0.050	0.10	ug/L	20.0		97.7	85-115			
Vanadium	20.1	0.50	1.0	ug/L	20.0		100	85-115			
Zinc	96.2	2.0	5.0	ug/L	100		96.2	85-115			

Duplicate (AI33217-DUP1)

Source: 23H3695-01

Prepared & Analyzed: 09/05/23

Aluminum	30.2	5.0	10	ug/L		30.2			0.104	20	
Antimony	ND	0.20	0.50	ug/L		ND				20	U
Arsenic	0.457	0.40	0.50	ug/L		0.427			6.79	20	J
Barium	32.4	0.20	0.50	ug/L		33.0			1.84	20	
Beryllium	ND	0.050	0.10	ug/L		ND				20	U
Boron	23.8	20	100	ug/L		23.8			0.0709	20	J
Cadmium	ND	0.060	0.10	ug/L		ND				20	U
Chromium	ND	0.50	0.50	ug/L		ND				20	U
Cobalt	ND	0.040	0.10	ug/L		ND				20	U
Copper	1.13	0.40	0.50	ug/L		1.16			2.76	20	
Iron	ND	10	50	ug/L		ND				20	U
Lead	0.217	0.060	0.25	ug/L		0.225			3.71	20	J
Manganese	ND	2.0	5.0	ug/L		ND				20	U
Molybdenum	ND	0.070	0.25	ug/L		ND				20	U
Nickel	ND	0.30	0.50	ug/L		ND				20	U
Selenium	ND	0.30	2.0	ug/L		ND				20	U
Silver	ND	0.20	0.20	ug/L		ND				20	U
Thallium	ND	0.050	0.10	ug/L		ND				20	U
Vanadium	0.587	0.50	1.0	ug/L		0.570			3.04	20	J
Zinc	ND	2.0	5.0	ug/L		ND				20	U



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 16oz Clear Glass Jar
 Project Number: Lot Number R3220CUHS

Reported:
 09/11/23 13:48

Metals by EPA Method 200.8 ICP/MS - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33217 - EPA 200.8

Matrix Spike (AI33217-MS1)	Source: 23H3695-01			Prepared & Analyzed: 09/05/23							
Aluminum	539	5.0	10	ug/L	520	30.2	97.8	70-130			
Antimony	19.5	0.20	0.50	ug/L	20.0	ND	97.6	70-130			
Arsenic	21.4	0.40	0.50	ug/L	20.0	0.427	105	70-130			
Barium	50.1	0.20	0.50	ug/L	20.0	33.0	85.8	70-130			
Beryllium	18.7	0.050	0.10	ug/L	20.0	ND	93.7	70-130			
Boron	117	20	100	ug/L	100	23.8	93.6	70-130			
Cadmium	19.3	0.060	0.10	ug/L	20.0	ND	96.6	70-130			
Chromium	19.0	0.50	0.50	ug/L	20.0	ND	94.8	70-130			
Cobalt	18.9	0.040	0.10	ug/L	20.0	ND	94.5	70-130			
Copper	19.9	0.40	0.50	ug/L	20.0	1.16	93.5	70-130			
Iron	478	10	50	ug/L	520	ND	91.9	70-130			
Lead	19.4	0.060	0.25	ug/L	20.0	0.225	96.0	70-130			
Manganese	18.4	2.0	5.0	ug/L	20.0	ND	91.8	70-130			
Molybdenum	19.5	0.070	0.25	ug/L	20.0	ND	97.5	70-130			
Nickel	19.0	0.30	0.50	ug/L	20.0	ND	95.2	70-130			
Selenium	20.1	0.30	2.0	ug/L	20.0	ND	100	70-130			
Silver	18.7	0.20	0.20	ug/L	20.0	ND	93.7	70-130			
Thallium	19.3	0.050	0.10	ug/L	20.0	ND	96.3	70-130			
Vanadium	20.0	0.50	1.0	ug/L	20.0	0.570	96.9	70-130			
Zinc	95.7	2.0	5.0	ug/L	100	ND	95.7	70-130			

Matrix Spike Dup (AI33217-MSD1)	Source: 23H3695-01			Prepared & Analyzed: 09/05/23							
Aluminum	576	5.0	10	ug/L	520	30.2	105	70-130	6.71	20	
Antimony	20.5	0.20	0.50	ug/L	20.0	ND	103	70-130	5.12	20	
Arsenic	21.0	0.40	0.50	ug/L	20.0	0.427	103	70-130	2.10	20	
Barium	53.1	0.20	0.50	ug/L	20.0	33.0	101	70-130	5.72	20	
Beryllium	19.8	0.050	0.10	ug/L	20.0	ND	99.1	70-130	5.57	20	
Boron	124	20	100	ug/L	100	23.8	101	70-130	5.78	20	
Cadmium	20.4	0.060	0.10	ug/L	20.0	ND	102	70-130	5.26	20	
Chromium	19.9	0.50	0.50	ug/L	20.0	ND	99.3	70-130	4.68	20	
Cobalt	19.9	0.040	0.10	ug/L	20.0	ND	99.3	70-130	4.93	20	
Copper	21.1	0.40	0.50	ug/L	20.0	1.16	99.8	70-130	6.17	20	
Iron	504	10	50	ug/L	520	ND	97.0	70-130	5.39	20	
Lead	20.5	0.060	0.25	ug/L	20.0	0.225	101	70-130	5.37	20	
Manganese	19.2	2.0	5.0	ug/L	20.0	ND	96.0	70-130	4.47	20	
Molybdenum	20.5	0.070	0.25	ug/L	20.0	ND	103	70-130	5.20	20	
Nickel	20.0	0.30	0.50	ug/L	20.0	ND	100	70-130	4.91	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz Clear Glass Jar Project Number: Lot Number R3220CUHS	Reported: 09/11/23 13:48
---	---	-----------------------------

Metals by EPA Method 200.8 ICP/MS - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33217 - EPA 200.8

Matrix Spike Dup (AI33217-MSD1)	Source: 23H3695-01			Prepared & Analyzed: 09/05/23							
Selenium	21.6	0.30	2.0	ug/L	20.0	ND	108	70-130	7.53	20	
Silver	20.0	0.20	0.20	ug/L	20.0	ND	100	70-130	6.55	20	
Thallium	20.3	0.050	0.10	ug/L	20.0	ND	102	70-130	5.40	20	
Vanadium	20.9	0.50	1.0	ug/L	20.0	0.570	101	70-130	4.41	20	
Zinc	102	2.0	5.0	ug/L	100	ND	102	70-130	6.07	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz Clear Glass Jar Project Number: Lot Number R3220CUHS	Reported: 09/11/23 13:48
---	---	-----------------------------

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AH34808 - General Prep											
Blank (AH34808-BLK1)					Prepared & Analyzed: 08/25/23						
Total Organic Carbon	ND	0.300	0.300	mg/L							U
LCS (AH34808-BS1)					Prepared & Analyzed: 08/25/23						
Total Organic Carbon	10.0	0.300	0.300	mg/L	10.0		100	85-115			
LCS Dup (AH34808-BSD1)					Prepared & Analyzed: 08/25/23						
Total Organic Carbon	10.0	0.300	0.300	mg/L	10.0		100	85-115	0.0589	20	
Duplicate (AH34808-DUP1)					Source: 23H3500-16 Prepared & Analyzed: 08/25/23						
Total Organic Carbon	7.14	0.300	0.300	mg/L		6.98			2.30	20	
Matrix Spike (AH34808-MS1)					Source: 23H3500-16 Prepared & Analyzed: 08/25/23						
Total Organic Carbon	15.1	0.300	0.300	mg/L	10.0	6.98	81.6	70-130			
Matrix Spike Dup (AH34808-MSD1)					Source: 23H3500-16 Prepared & Analyzed: 08/25/23						
Total Organic Carbon	16.2	0.300	0.300	mg/L	10.0	6.98	92.1	70-130	6.75	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz Clear Glass Jar Project Number: Lot Number R3220CUHS	Reported: 09/11/23 13:48
---	---	-----------------------------

Anions by EPA Method 300.0 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH34895 - EPA 300.0

Blank (AH34895-BLK1)											Prepared & Analyzed: 08/28/23	
Nitrate as NO3	ND	0.20	1.0	mg/L							U	
Sulfate as SO4	ND	0.20	0.50	mg/L							U	
Fluoride	ND	0.020	0.10	mg/L							U	
Nitrite as NO2	ND	0.070	1.0	mg/L							U	

LCS (AH34895-BS1)											Prepared & Analyzed: 08/28/23	
Sulfate as SO4	23.0	0.20	0.50	mg/L	22.2		103	90-110				
Nitrate as NO3	25	0.20	1.0	mg/L	24.7		102	90-110				
Fluoride	5.73	0.020	0.10	mg/L	5.56		103	90-110				
Nitrite as NO2	18.2	0.070	1.0	mg/L	18.2		100	90-110				

Duplicate (AH34895-DUP1)											Source: 23H3712-01		Prepared & Analyzed: 08/28/23	
Fluoride	ND	0.020	0.10	mg/L		ND				20	U			
Nitrate as NO3	ND	0.20	1.0	mg/L		ND				20	U			
Nitrite as NO2	ND	0.070	1.0	mg/L		ND				20	U			
Sulfate as SO4	ND	0.20	0.50	mg/L		ND				20	U			

Matrix Spike (AH34895-MS1)											Source: 23H3712-01		Prepared & Analyzed: 08/28/23	
Nitrate as NO3	22	2.0	10	mg/L	24.7	ND	88.0	80-120						
Fluoride	5.64	0.20	1.0	mg/L	5.56	ND	102	80-120						
Nitrite as NO2	16.6	0.70	10	mg/L	18.2	ND	90.9	80-120						
Sulfate as SO4	20.4	2.0	5.0	mg/L	22.2	ND	91.6	80-120						

Matrix Spike (AH34895-MS2)											Source: 23H3874-01		Prepared & Analyzed: 08/28/23	
Fluoride	4.98	0.20	1.0	mg/L	5.56	ND	89.6	80-120						
Nitrate as NO3	23	2.0	10	mg/L	24.7	ND	91.4	80-120						
Nitrite as NO2	16.5	0.70	10	mg/L	18.2	ND	90.7	80-120						
Sulfate as SO4	24.8	2.0	5.0	mg/L	22.2	5.09	88.8	80-120						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 16oz Clear Glass Jar
 Project Number: Lot Number R3220CUHS

Reported:
 09/11/23 13:48

Anions by EPA Method 300.0 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH34895 - EPA 300.0

Matrix Spike Dup (AH34895-MSD1)

Source: 23H3712-01

Prepared & Analyzed: 08/28/23

Fluoride	5.21	0.20	1.0	mg/L	5.56	ND	93.8	80-120	7.98	20	
Nitrate as NO3	22	2.0	10	mg/L	24.7	ND	88.7	80-120	0.816	20	
Sulfate as SO4	20.3	2.0	5.0	mg/L	22.2	ND	91.3	80-120	0.328	20	
Nitrite as NO2	16.5	0.70	10	mg/L	18.2	ND	90.7	80-120	0.221	20	



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 16oz Clear Glass Jar
Project Number: Lot Number R3220CUHS

Reported:
09/11/23 13:48

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
- P-02 Sample acidified to pH <2 and allowed to sit 24 hours before further processing.
- T-02 Sample analyzed outside of recommended holding time per client.
- 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

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.

