



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- 8oz. Glass Jar

Work Order: 23H3701

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



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Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 8oz. Glass Jar
Project Number: Lot Number H3220CUHS

Reported:
09/11/23 09:12

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
H3220CUHS	23H3701-01	Water	08/24/23 00:00	08/21/23 12:00



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Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 8oz. Glass Jar
 Project Number: Lot Number H3220CUHS

Reported:
 09/11/23 09:12

Metals (Drinking Water) by EPA 200 Series Methods

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit	Units								
H3220CUHS (23H3701-01) Water												P-02
Sampled: 08/24/23 00:00 Received: 08/21/23 12:00												
Calcium	ND	0.080	1.0	mg/L	1	AH35031	08/29/23 14:43	08/29/23 17:19	EPA 200.7	BED	1551	U
Magnesium	ND	0.030	1.0	mg/L	1	AH35031	08/29/23 14:43	08/29/23 17:19	EPA 200.7	BED	1551	U
Potassium	ND	0.20	1.0	mg/L	1	AH35031	08/29/23 14:43	08/29/23 17:19	EPA 200.7	BED	1551	U
Sodium	0.32	0.30	1.0	mg/L	1	AH35031	08/29/23 14:43	08/30/23 15:59	EPA 200.7	BED	1551	J



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Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 8oz. Glass Jar
 Project Number: Lot Number H3220CUHS

Reported:
 09/11/23 09:12

Metals by EPA 200 Series Methods

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

H3220CUHS (23H3701-01) 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 13:31	EPA 245.1	LMR	1551	U
Tin	0.10	0.0060	0.050	mg/L	1	AH35031	08/29/23 14:43	08/30/23 15:59	EPA 200.7	BED	1551	



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Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 8oz. Glass Jar
 Project Number: Lot Number H3220CUHS

Reported:
 09/11/23 09:12

Metals by EPA Method 200.8 ICP/MS

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit										
H3220CUHS (23H3701-01) Water Sampled: 08/24/23 00:00 Received: 08/21/23 12:00													
Aluminum	5.4	5.0	10		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	J
Antimony	ND	0.20	0.50		ug/L	1	AH35072	08/30/23 09:18	09/05/23 18:54	EPA 200.8	SMP	1551	U
Arsenic	ND	0.40	0.50		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Barium	1.7	0.20	0.50		ug/L	1	AH35072	08/30/23 09:18	09/05/23 18:54	EPA 200.8	SMP	1551	
Beryllium	ND	0.050	0.10		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Boron	ND	20	100		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Cadmium	ND	0.060	0.10		ug/L	1	AH35072	08/30/23 09:18	09/05/23 18:54	EPA 200.8	SMP	1551	U
Chromium	ND	0.50	0.50		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Cobalt	ND	0.040	0.10		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Copper	ND	0.40	0.50		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Iron	ND	10	50		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Lead	0.097	0.060	0.25		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	J
Manganese	ND	2.0	5.0		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Molybdenum	ND	0.070	0.25		ug/L	1	AH35072	08/30/23 09:18	09/05/23 18:54	EPA 200.8	SMP	1551	U
Nickel	ND	0.30	0.50		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Selenium	ND	0.30	2.0		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Silver	ND	0.20	0.20		ug/L	1	AH35072	08/30/23 09:18	09/05/23 18:54	EPA 200.8	SMP	1551	U
Thallium	ND	0.050	0.10		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Vanadium	ND	0.50	1.0		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U
Zinc	ND	2.0	5.0		ug/L	1	AH35072	08/30/23 09:18	08/31/23 22:22	EPA 200.8	SMP	1551	U



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Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 8oz. Glass Jar
 Project Number: Lot Number H3220CUHS

Reported:
 09/11/23 09:12

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit										
H3220CUHS (23H3701-01) 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 22:54	SM5310C	JJ	1551	U



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Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 8oz. Glass Jar
 Project Number: Lot Number H3220CUHS

Reported:
 09/11/23 09:12

Anions by EPA Method 300.0

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit	Units								
H3220CUHS (23H3701-01) 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 15:37	08/28/23 15:37	EPA 300.0	SM	1551	U
Nitrate as NO3	ND	0.20	1.0	mg/L	1	AH34895	08/28/23 15:37	08/28/23 15:37	EPA 300.0	SM	1551	T-02, U
Nitrite as NO2	ND	0.070	1.0	mg/L	1	AH34895	08/28/23 15:37	08/28/23 15:37	EPA 300.0	SM	1551	T-02, U
Sulfate as SO4	ND	0.20	0.50	mg/L	1	AH34895	08/28/23 15:37	08/28/23 15:37	EPA 300.0	SM	1551	U



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 8oz. Glass Jar Project Number: Lot Number H3220CUHS	Reported: 09/11/23 09:12
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Metals (Drinking Water) by EPA 200 Series 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 AH35031 - Metals Digest

Blank (AH35031-BLK1)		Prepared & Analyzed: 08/29/23									
Calcium	ND	0.080	1.0	mg/L							U
Magnesium	ND	0.030	1.0	mg/L							U
Potassium	ND	0.20	1.0	mg/L							U
Sodium	ND	0.30	1.0	mg/L							U

LCS (AH35031-BS1)		Prepared & Analyzed: 08/29/23									
Calcium	2.45	0.080	1.0	mg/L	2.51		97.6	85-115			
Magnesium	8.22	0.030	1.0	mg/L	8.00		103	85-115			
Potassium	7.89	0.20	1.0	mg/L	8.00		98.6	85-115			
Sodium	8.74	0.30	1.0	mg/L	8.00		109	85-115			

Duplicate (AH35031-DUP1)		Source: 23H3713-01		Prepared & Analyzed: 08/29/23							
Calcium	ND	0.080	1.0	mg/L		ND				20	U
Magnesium	ND	0.030	1.0	mg/L		ND				20	U
Potassium	ND	0.20	1.0	mg/L		ND				20	U
Sodium	ND	0.30	1.0	mg/L		ND				20	U

Matrix Spike (AH35031-MS1)		Source: 23H3713-01		Prepared & Analyzed: 08/29/23							
Calcium	2.45	0.080	1.0	mg/L	2.51	ND	97.8	70-130			
Magnesium	8.12	0.030	1.0	mg/L	8.00	ND	101	70-130			
Potassium	7.91	0.20	1.0	mg/L	8.00	ND	98.9	70-130			
Sodium	8.65	0.30	1.0	mg/L	8.00	ND	108	70-130			

Matrix Spike Dup (AH35031-MSD1)		Source: 23H3713-01		Prepared & Analyzed: 08/29/23							
Calcium	2.46	0.080	1.0	mg/L	2.51	ND	97.8	70-130	0.0824	20	
Magnesium	8.17	0.030	1.0	mg/L	8.00	ND	102	70-130	0.715	20	
Potassium	8.28	0.20	1.0	mg/L	8.00	ND	103	70-130	4.53	20	
Sodium	9.03	0.30	1.0	mg/L	8.00	ND	113	70-130	4.26	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.



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 8oz. Glass Jar Project Number: Lot Number H3220CUHS	Reported: 09/11/23 09:12
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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
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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

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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
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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	

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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
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Batch AH35072 - EPA 200.8

Blank (AH35072-BLK1)

Prepared: 08/30/23 Analyzed: 08/31/23

Aluminum	ND	5.0	10	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
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 (AH35072-BS1)

Prepared: 08/30/23 Analyzed: 08/31/23

Aluminum	519	5.0	10	ug/L	520		99.7	85-115			
Arsenic	21.1	0.40	0.50	ug/L	20.0		105	85-115			
Barium	20.2	0.20	0.50	ug/L	20.0		101	85-115			
Beryllium	20.9	0.050	0.10	ug/L	20.0		105	85-115			
Boron	102	20	100	ug/L	100		102	85-115			
Cadmium	20.2	0.060	0.10	ug/L	20.0		101	85-115			
Chromium	20.5	0.50	0.50	ug/L	20.0		103	85-115			
Cobalt	20.4	0.040	0.10	ug/L	20.0		102	85-115			
Copper	19.4	0.40	0.50	ug/L	20.0		97.1	85-115			
Iron	525	10	50	ug/L	520		101	85-115			
Lead	20.3	0.060	0.25	ug/L	20.0		101	85-115			
Manganese	19.3	2.0	5.0	ug/L	20.0		96.5	85-115			
Nickel	20.5	0.30	0.50	ug/L	20.0		102	85-115			
Selenium	21.9	0.30	2.0	ug/L	20.0		110	85-115			
Silver	19.7	0.20	0.20	ug/L	20.0		98.5	85-115			
Thallium	20.3	0.050	0.10	ug/L	20.0		102	85-115			
Vanadium	20.6	0.50	1.0	ug/L	20.0		103	85-115			

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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
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Batch AH35072 - EPA 200.8

LCS (AH35072-BS1) Prepared: 08/30/23 Analyzed: 08/31/23

Zinc	100	2.0	5.0	ug/L	100	100	85-115				
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Duplicate (AH35072-DUP1) Source: 23H3701-01 Prepared: 08/30/23 Analyzed: 08/31/23

Aluminum	5.65	5.0	10	ug/L	5.38			4.95	20	J
Antimony	ND	0.20	0.50	ug/L	ND				20	U
Arsenic	ND	0.40	0.50	ug/L	ND				20	U
Barium	1.74	0.20	0.50	ug/L	1.72			1.05	20	
Beryllium	ND	0.050	0.10	ug/L	ND				20	U
Boron	ND	20	100	ug/L	ND				20	U
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	ND	0.40	0.50	ug/L	ND				20	U
Iron	ND	10	50	ug/L	ND				20	U
Lead	0.105	0.060	0.25	ug/L	0.0974			7.30	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	ND	0.50	1.0	ug/L	ND				20	U
Zinc	ND	2.0	5.0	ug/L	ND				20	U

Matrix Spike (AH35072-MS1) Source: 23H3701-01 Prepared: 08/30/23 Analyzed: 08/31/23

Aluminum	521	5.0	10	ug/L	520	5.38	99.2	70-130		
Antimony	20.6	0.20	0.50	ug/L	20.0	ND	103	70-130		
Arsenic	21.2	0.40	0.50	ug/L	20.0	ND	106	70-130		
Barium	23.7	0.20	0.50	ug/L	20.0	1.72	110	70-130		
Beryllium	21.4	0.050	0.10	ug/L	20.0	ND	107	70-130		
Boron	103	20	100	ug/L	100	ND	103	70-130		
Cadmium	20.3	0.060	0.10	ug/L	20.0	ND	102	70-130		
Chromium	20.6	0.50	0.50	ug/L	20.0	ND	103	70-130		
Cobalt	20.3	0.040	0.10	ug/L	20.0	ND	102	70-130		
Copper	19.8	0.40	0.50	ug/L	20.0	ND	99.1	70-130		
Iron	518	10	50	ug/L	520	ND	99.7	70-130		
Lead	20.0	0.060	0.25	ug/L	20.0	0.0974	99.4	70-130		

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 8oz. Glass Jar Project Number: Lot Number H3220CUHS	Reported: 09/11/23 09:12
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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
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Batch AH35072 - EPA 200.8

Matrix Spike (AH35072-MS1)	Source: 23H3701-01			Prepared: 08/30/23		Analyzed: 08/31/23				
Manganese	19.1	2.0	5.0	ug/L	20.0	ND	95.5	70-130		
Molybdenum	20.4	0.070	0.25	ug/L	20.0	ND	102	70-130		
Nickel	20.7	0.30	0.50	ug/L	20.0	ND	104	70-130		
Selenium	22.2	0.30	2.0	ug/L	20.0	ND	111	70-130		
Silver	19.4	0.20	0.20	ug/L	20.0	ND	97.1	70-130		
Thallium	20.0	0.050	0.10	ug/L	20.0	ND	99.8	70-130		
Vanadium	20.9	0.50	1.0	ug/L	20.0	ND	105	70-130		
Zinc	98.0	2.0	5.0	ug/L	100	ND	98.0	70-130		

Matrix Spike Dup (AH35072-MSD1)	Source: 23H3701-01			Prepared: 08/30/23		Analyzed: 08/31/23				
Aluminum	524	5.0	10	ug/L	520	5.38	99.8	70-130	0.618	20
Antimony	20.5	0.20	0.50	ug/L	20.0	ND	103	70-130	0.171	20
Arsenic	21.6	0.40	0.50	ug/L	20.0	ND	108	70-130	2.10	20
Barium	23.5	0.20	0.50	ug/L	20.0	1.72	109	70-130	1.15	20
Beryllium	21.3	0.050	0.10	ug/L	20.0	ND	107	70-130	0.143	20
Boron	104	20	100	ug/L	100	ND	104	70-130	1.23	20
Cadmium	20.5	0.060	0.10	ug/L	20.0	ND	102	70-130	0.815	20
Chromium	20.7	0.50	0.50	ug/L	20.0	ND	104	70-130	0.532	20
Cobalt	20.6	0.040	0.10	ug/L	20.0	ND	103	70-130	1.09	20
Copper	19.9	0.40	0.50	ug/L	20.0	ND	99.3	70-130	0.233	20
Iron	524	10	50	ug/L	520	ND	101	70-130	1.20	20
Lead	20.0	0.060	0.25	ug/L	20.0	0.0974	99.3	70-130	0.117	20
Manganese	19.2	2.0	5.0	ug/L	20.0	ND	95.9	70-130	0.468	20
Molybdenum	20.7	0.070	0.25	ug/L	20.0	ND	104	70-130	1.40	20
Nickel	20.7	0.30	0.50	ug/L	20.0	ND	103	70-130	0.368	20
Selenium	22.2	0.30	2.0	ug/L	20.0	ND	111	70-130	0.164	20
Silver	20.1	0.20	0.20	ug/L	20.0	ND	100	70-130	3.38	20
Thallium	19.9	0.050	0.10	ug/L	20.0	ND	99.4	70-130	0.418	20
Vanadium	20.9	0.50	1.0	ug/L	20.0	ND	104	70-130	0.0372	20
Zinc	98.7	2.0	5.0	ug/L	100	ND	98.7	70-130	0.743	20

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 8oz. Glass Jar Project Number: Lot Number H3220CUHS	Reported: 09/11/23 09:12
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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
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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	

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 8oz. Glass Jar Project Number: Lot Number H3220CUHS	Reported: 09/11/23 09:12
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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
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Batch AH34895 - EPA 300.0

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

LCS (AH34895-BS1)											Prepared & Analyzed: 08/28/23	
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				
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				

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

Matrix Spike (AH34895-MS1)											Source: 23H3712-01		Prepared & Analyzed: 08/28/23	
Sulfate as SO4	20.4	2.0	5.0	mg/L	22.2	ND	91.6	80-120						
Nitrite as NO2	16.6	0.70	10	mg/L	18.2	ND	90.9	80-120						
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						

Matrix Spike (AH34895-MS2)											Source: 23H3874-01		Prepared & Analyzed: 08/28/23	
Nitrate as NO3	23	2.0	10	mg/L	24.7	ND	91.4	80-120						
Fluoride	4.98	0.20	1.0	mg/L	5.56	ND	89.6	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						

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 8oz. Glass Jar Project Number: Lot Number H3220CUHS	Reported: 09/11/23 09:12
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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
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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	
Nitrite as NO2	16.5	0.70	10	mg/L	18.2	ND	90.7	80-120	0.221	20	
Sulfate as SO4	20.3	2.0	5.0	mg/L	22.2	ND	91.3	80-120	0.328	20	
Nitrate as NO3	22	2.0	10	mg/L	24.7	ND	88.7	80-120	0.816	20	

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Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 8oz. Glass Jar
Project Number: Lot Number H3220CUHS

Reported:
09/11/23 09:12

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.



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925-828-6226 Fax: 925-828-6309

Chain of Custody Record

Reports and Invoices will be delivered by email in .pdf format.

Lab No. 23H3701 Page _____ of _____

Report to:		Invoice to (if different):		Project Info for Report:		Signature below authorizes work under terms stated on reverse side.										
Company: Sample Traps LLC		Company:		Project ID: QC- 8oz clear glass jar		Analyses Requested					TAT		Lab Approval Required For Rush TATs	Sample Notes (lab use only)		
Attn: Quality Control Manager		Attn:		Project No: Lot number H3220CUHS		: Total Number of Containers Sample Traps Inorganics TOC include MDL i-flags					10 days <input type="radio"/>		Temperature:			
Address:		Address:		PO/Reference :							RUSH: 5 days <input checked="" type="radio"/>		deg. C			
Phone/Fax:		Phone/Fax:									48 hours <input type="radio"/>		Shipment Method:			
Email Address: admin@sampletraps.com		Email Address:									Other: _____ days <input type="radio"/>		Custody Seals: Y / N			
Samplers Signature: N/A			Container:		Preservative:		Matrix:							Sample Notes or CDPH Source Numbers:		
Print:		Sampled: Date Time		40ml VOA	Poly	Glass bottle	Glass Jar	HCL	Methanol	Na Bisulfate	Other	None	Water	Container		
Sample Identification																
H3220CUHS		x x					x									
<p>Lab preparation guidelines for determination of Metals content in the Inorganics scan: Please add 100mL of lab-grade DI water to the container, acidify with 1.0 mL of reagent grade HNO3, and then cap and shake vigorously for at least 3 minutes. Let the jar stand for 48 hours. Treat the sample as a dissolved metals sample, and analyze the undigested water.</p> <p>Lab preparation guidelines for determination of Total Organic Carbon: Please add 50mL of lab-grade DI water to the container, and then cap and shake vigorously for at least 3 minutes. Pour the DI water from the jar into a 40mL TOC vial, and then acidify with H3PO4 for TOC analysis.</p>																
Relinquished by:		Received by:		Date:		Time:		CDPH Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No								
<u>BAL</u>		<u>[Signature]</u>		<u>8-21-23</u>		<u>1200</u>		State System Number: _____ If "Y" please enter the Source Number(s) in the column above								
								CA Geotracker EDF Report? <input type="radio"/> Yes <input type="radio"/> No								
								Global ID: _____ Sampling Company Log Code: _____								
								Travel and Site Time:			Mileage:			Misc. Supplies:		