



*alpha*

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Alpha Analytical Laboratories, Inc.

email: [clientservices@alpha-labs.com](mailto:clientservices@alpha-labs.com)

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

31 August 2023

Sample Traps, LLC

Attn: Quality Control Manager

262 Rickenbacker Circle

Livermore, CA 94551

RE: QC- 16oz BRA

Work Order: 23H3221

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- 16oz BRA  
Project Number: Lot Number F3220EUGS

Reported:  
08/31/23 15:42

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
F3220EUGS-01	23H3221-01	Water	08/21/23 00:00	08/21/23 12:00
F3220EUGS-02	23H3221-02	Water	08/21/23 00:00	08/21/23 12:00
F3220EUGS-03	23H3221-03	Water	08/21/23 00:00	08/21/23 12:00
F3220EUGS-04	23H3221-04	Water	08/21/23 00:00	08/21/23 12:00



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### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
<b>F3220EUGS-01 (23H3221-01) Water</b> <b>Sampled: 08/21/23 00:00</b> <b>Received: 08/21/23 12:00</b>												
Total Organic Carbon	ND	0.300	1.00	mg/L	1	AH34634	08/23/23 11:22	08/24/23 19:28	SM5310C	JJ	1551	U
<b>F3220EUGS-02 (23H3221-02) Water</b> <b>Sampled: 08/21/23 00:00</b> <b>Received: 08/21/23 12:00</b>												
Total Organic Carbon	ND	0.300	1.00	mg/L	1	AH34634	08/23/23 11:22	08/24/23 20:30	SM5310C	JJ	1551	U
<b>F3220EUGS-03 (23H3221-03) Water</b> <b>Sampled: 08/21/23 00:00</b> <b>Received: 08/21/23 12:00</b>												
Total Organic Carbon	ND	0.300	1.00	mg/L	1	AH34634	08/23/23 11:22	08/24/23 20:43	SM5310C	JJ	1551	U
<b>F3220EUGS-04 (23H3221-04) Water</b> <b>Sampled: 08/21/23 00:00</b> <b>Received: 08/21/23 12:00</b>												
Total Organic Carbon	ND	0.300	1.00	mg/L	1	AH34634	08/23/23 11:22	08/24/23 20:56	SM5310C	JJ	1551	U



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 16oz BRA Project Number: Lot Number F3220EUGS	Reported: 08/31/23 15:42
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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 AH34634 - General Prep**

<b>Blank (AH34634-BLK1)</b>			Prepared: 08/23/23 Analyzed: 08/24/23								
Total Organic Carbon	ND	0.300	1.00	mg/L							U
<b>LCS (AH34634-BS1)</b>			Prepared: 08/23/23 Analyzed: 08/24/23								
Total Organic Carbon	10.1	0.300	1.00	mg/L	10.0		101	85-115			
<b>LCS Dup (AH34634-BSD1)</b>			Prepared: 08/23/23 Analyzed: 08/24/23								
Total Organic Carbon	10.1	0.300	1.00	mg/L	10.0		101	85-115	0.00796	20	
<b>Duplicate (AH34634-DUP1)</b>			Source: 23H3222-01			Prepared: 08/23/23 Analyzed: 08/24/23					
Total Organic Carbon	ND	0.300	1.00	mg/L		ND				20	U
<b>Matrix Spike (AH34634-MS1)</b>			Source: 23H3222-01			Prepared: 08/23/23 Analyzed: 08/24/23					
Total Organic Carbon	10.2	0.300	1.00	mg/L	10.0	ND	102	70-130			
<b>Matrix Spike Dup (AH34634-MSD1)</b>			Source: 23H3222-01			Prepared: 08/23/23 Analyzed: 08/24/23					
Total Organic Carbon	10.1	0.300	1.00	mg/L	10.0	ND	101	70-130	0.834	20	



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### Notes and Definitions

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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Service Center 6398 Dougherty Rd, Ste 35, Dublin, CA 94568  
& Micro Lab: 925-828-6226 Fax: 925-828-6309

# Chain of Custody Record

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

Lab No. 2343221 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						Attn: Quality Control Manager						Address:						Phone/Fax:						Email Address: admin@sampletraps.com						Company:						Attn:						Address:						Phone/Fax:						Email Address:						Project ID: QC- 16oz BRA						Project No: Lot number F3220EUGS						PO/Reference :						Analyses Requested						TAT						Sample Notes (lab use only) Temperature:  deg. C Shipment Method:  Custody Seals: Y / N																																																																																																																																																																
Samplers Signature:												Print:												Container:			Preservative:			Matrix:			<table border="1"> <tr> <td>10 days</td> <td><input checked="" type="radio"/></td> <td colspan="2">RUSH:</td> <td>5 days</td> <td><input type="radio"/></td> <td>48 hours</td> <td><input type="radio"/></td> <td>Other:</td> <td><input type="radio"/></td> <td>days</td> <td rowspan="2">Lab Approval Required For Rush TATs</td> </tr> <tr> <td colspan="12">Sample Identification</td> <td colspan="2">Sampled:</td> <td colspan="12" rowspan="5"> <table border="1"> <thead> <tr> <th>Date</th> <th>Time</th> <th>40ml VOA</th> <th>Poly</th> <th>Glass bottle</th> <th>Glass Jar</th> <th>HCL</th> <th>Methanol</th> <th>Na Bisulfate</th> <th>Other</th> <th>None</th> <th>Water</th> <th>Container</th> <th>Total Number of Containers</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>F3220EUGS-01</td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>1</td> <td>x</td> </tr> <tr> <td>F3220EUGS-02</td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>1</td> <td>x</td> </tr> <tr> <td>F3220EUGS-03</td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>1</td> <td>x</td> </tr> <tr> <td>F3220EUGS-04</td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>1</td> <td>x</td> </tr> <tr> <td colspan="15" style="text-align: center;">fill bottles to zero headspace</td> </tr> </tbody> </table> </td> <td colspan="6">10 days</td> <td colspan="6"><input checked="" type="radio"/></td> <td colspan="6">5 days</td> <td colspan="6"><input type="radio"/></td> <td colspan="6">48 hours</td> <td colspan="6"><input type="radio"/></td> <td colspan="6">Other:</td> <td colspan="6"><input type="radio"/></td> <td colspan="6">days</td> </tr> <tr> <td colspan="6">Sample Notes or CDPH Source Numbers:</td> </tr> </table>																		10 days	<input checked="" type="radio"/>	RUSH:		5 days	<input type="radio"/>	48 hours	<input type="radio"/>	Other:	<input type="radio"/>	days	Lab Approval Required For Rush TATs	Sample Identification												Sampled:		<table border="1"> <thead> <tr> <th>Date</th> <th>Time</th> <th>40ml VOA</th> <th>Poly</th> <th>Glass bottle</th> <th>Glass Jar</th> <th>HCL</th> <th>Methanol</th> <th>Na Bisulfate</th> <th>Other</th> <th>None</th> <th>Water</th> <th>Container</th> <th>Total Number of Containers</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>F3220EUGS-01</td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>1</td> <td>x</td> </tr> <tr> <td>F3220EUGS-02</td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>1</td> <td>x</td> </tr> <tr> <td>F3220EUGS-03</td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>1</td> <td>x</td> </tr> <tr> <td>F3220EUGS-04</td> <td></td> <td></td> <td></td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>x</td> <td>x</td> <td></td> <td>1</td> <td>x</td> </tr> <tr> <td colspan="15" style="text-align: center;">fill bottles to zero headspace</td> </tr> </tbody> </table>												Date							Time	40ml VOA	Poly	Glass bottle	Glass Jar	HCL	Methanol	Na Bisulfate	Other	None	Water	Container	Total Number of Containers	TOC	F3220EUGS-01				x						x	x		1	x	F3220EUGS-02				x						x	x		1	x	F3220EUGS-03				x						x	x		1	x	F3220EUGS-04				x						x	x		1	x	fill bottles to zero headspace															10 days						<input checked="" type="radio"/>						5 days						<input type="radio"/>						48 hours						<input type="radio"/>						Other:						<input type="radio"/>						days						Sample Notes or CDPH Source Numbers:											
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Relinquished by:	Received by:	Date:	Time:
<u>BAL</u>	<u>[Signature]</u>	<u>8-21-23</u>	<u>12:00</u>

CDPH Write On EDT Transmission?  Yes  No  
 State System Number: \_\_\_\_\_  
 If "Y" please enter the Source Number(s) in the column above

CA Geotracker EDF Report?  Yes  No  
 Global ID: \_\_\_\_\_ Sampling Company Log Code: \_\_\_\_\_  
 EDF to (Email Address): \_\_\_\_\_  
 Travel and Site Time: \_\_\_\_\_ Mileage: \_\_\_\_\_ Misc. Supplies: \_\_\_\_\_