



12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794



**Report Number:** 22-000591/D011.R000  
**Report Date:** 02/01/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/18/22 13:21

**Customer:** TribeTokes  
**Product identity:** Birthday Cake CBD 0122  
**Client/Metric ID:** .  
**Laboratory ID:** 22-000591-0010

### Summary

**Potency:**

Analyte	Result (%)		
CBD	49.9		
CBG†	10.5		
CBE†	9.28		
CBDV†	3.04		
Δ9-THC	0.233		
CBN	0.0876		
			CBD-Total 49.9% ----- THC-Total 0.233% ----- (Reported in percent of total sample)

**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Metals:**

Less than LOQ for all analytes.



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**Customer:** TribeTokes  
United States of America (USA)  
**Product identity:** Birthday Cake CBD 0122  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 22-000591-0010  
**Evidence of Cooling:** No  
**Temp:** 17.5 °C  
**Relinquished by:** USPS

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2200785	Analyze: 1/28/22 4:33:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0855			
CBC-A†	< LOQ		0.0855			
CBC-Total†	< LOQ		0.160			
CBD	49.9		0.855			
CBD-A	< LOQ		0.0855			
CBD-Total	49.9		0.930			
CBDV†	3.04		0.0855			
CBDV-A†	< LOQ		0.0855			
CBDV-Total†	3.04		0.160			
CBE†	9.28		0.0855			
CBG†	10.5		0.0855			
CBG-A†	< LOQ		0.0855			
CBG-Total	10.5		0.160			
CBL†	< LOQ		0.0855			
CBL-A†	< LOQ		0.0855			
CBL-Total†	< LOQ		0.160			
CBN	0.0876		0.0855			
CBT†	< LOQ		0.0855			
Δ8-THC†	< LOQ		0.0855			
Δ8-THCV	< LOQ		0.0855			
Δ9-THC	0.233		0.0855			
THC-A	< LOQ		0.0855			
THC-Total	0.233		0.160			
THCV†	< LOQ		0.0855			
THCV-A†	< LOQ		0.0855			
THCV-Total†	< LOQ		0.160			
<b>Total Cannabinoids†</b>	<b>73.0</b>					



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Solvents		Method Residual Solvents by GC/MS				Units µg/g	Batch 2200807	Analyze 01/31/22 09:25 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,2-Dichloroethane†	< LOQ	1	1.00			2-Propanol (IPA)	< LOQ	5000	200		
Acetone	< LOQ	5000	200			Acetonitrile	< LOQ	410	100		
Benzene	< LOQ	1.00	1.00			Chloroform†	< LOQ	1.00	1.00		
Ethyl acetate	< LOQ	5000	200			Ethyl ether	< LOQ	5000	200		
Ethylene oxide	< LOQ	1.00	1.00			m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200			Methylene chloride	< LOQ	1.00	1.00		
n-Butane	< LOQ	5000	200			n-Heptane	< LOQ	5000	200		
n-Hexane	< LOQ	290	30.0			n-Pentane	< LOQ	5000	200		
o-Xylene	< LOQ		200			Propane	< LOQ	5000	200		
Toluene	< LOQ	890	100			Total Xylenes	< LOQ	2170	400		
Trichloroethylene†	< LOQ	1.00	1.00								



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2200820 Analyze 01/31/22 12:08 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.100	0.100			Acephate	< LOQ	0.100	0.100		
Acequinocyl	< LOQ	0.100	0.100			Acetamiprid	< LOQ	0.100	0.100		
Aldicarb	< LOQ	0.100	0.100			Azoxystrobin	< LOQ	0.100	0.100		
Bifenazate	< LOQ	0.100	0.100			Bifenthrin	< LOQ	3.00	3.00		
Boscalid	< LOQ	0.100	0.100			Captan	< LOQ	0.700	0.700		
Carbaryl	< LOQ	0.500	0.500			Carbofuran	< LOQ	0.100	0.100		
Chlorantraniliprole	< LOQ	10.0	3.00			Chlordane	< LOQ	0.1	0.100		
Chlorfenapyr	< LOQ	0.100	0.100			Chlorpyrifos	< LOQ	0.100	0.100		
Clofentezine	< LOQ	0.100	0.100			Coumaphos	< LOQ	0.100	0.100		
Cyfluthrin	< LOQ	2.00	2.00			Cypermethrin	< LOQ	1.00	1.00		
Daminozide	< LOQ	0.100	0.100			Diazinon	< LOQ	0.100	0.100		
Dichlorvos	< LOQ	0.100	0.100			Dimethoate	< LOQ	0.100	0.100		
Dimethomorph	< LOQ	2.00	2.00			Ethoprophos	< LOQ	0.100	0.100		
Etofenprox	< LOQ	0.100	0.100			Etoxazole	< LOQ	0.100	0.100		
Fenhexamid	< LOQ	0.100	0.100			Fenoxycarb	< LOQ	0.100	0.100		
Fenpyroximate	< LOQ	0.100	0.100			Fipronil	< LOQ	0.100	0.100		
Fonicamid	< LOQ	0.100	0.100			Fludioxonil	< LOQ	0.100	0.100		
Hexythiazox	< LOQ	0.100	0.100			Imazalil	< LOQ	0.100	0.100		
Imidacloprid	< LOQ	5.00	3.00			Kresoxim-methyl	< LOQ	0.100	0.100		
Malathion	< LOQ	0.500	0.500			Metalaxyl	< LOQ	2.00	2.00		
Methiocarb	< LOQ	0.100	0.100			Methomyl	< LOQ	1.00	1.00		
Mevinphos	< LOQ	0.100	0.100			Myclobutanil	< LOQ	0.100	0.100		
Naled	< LOQ	0.100	0.100			Oxamyl	< LOQ	0.500	0.500		
Paclobutrazole	< LOQ	0.100	0.100			Parathion-Methyl	< LOQ	0.100	0.100		
Permethrin	< LOQ	0.500	0.500			Phosmet	< LOQ	0.100	0.100		
Piperonyl butoxide	< LOQ	3.00	3.00			Prallethrin	< LOQ	0.100	0.100		
Propiconazole	< LOQ	0.100	0.100			Propoxur	< LOQ	0.100	0.100		
Pyrethrins (total)	< LOQ	0.500	0.500			Pyridaben	< LOQ	0.100	0.100		
Quintozene	< LOQ	0.100	0.100			Spinetoram	< LOQ	0.100	0.100		
Spinosad	< LOQ	0.100	0.100			Spiromesifen	< LOQ	0.100	0.100		
Spirotetramat	< LOQ	0.100	0.100			Spiroxamine	< LOQ	0.100	0.100		
Tebuconazole	< LOQ	0.100	0.100			Thiacloprid	< LOQ	0.100	0.100		
Thiamethoxam	< LOQ	5.00	3.00			Trifloxystrobin	< LOQ	0.100	0.100		

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes	
Arsenic	< LOQ	0.20	mg/kg	0.0430	2200837	01/31/22	AOAC 2013.06 (mod.)	pass	X	
Cadmium	< LOQ	0.20	mg/kg	0.0430	2200837	01/31/22	AOAC 2013.06 (mod.)	pass	X	
Lead	< LOQ	0.50	mg/kg	0.0430	2200837	01/31/22	AOAC 2013.06 (mod.)	pass	X	
Mercury	< LOQ	0.10	mg/kg	0.0215	2200837	01/31/22	AOAC 2013.06 (mod.)	pass	X	



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These test results are representative of the individual sample selected and submitted by the client.

**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

**Units of Measure**

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager



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**Hemp / Cannabis Usable / Extract / Finished Products**

**Chain of Custody Record**

Document Control ID: 2832 Revision: 1  
 Effective: 05/07/2021  
 ORELAP ID: OR100028

Company: TribeTokes Contact: Chloe Shaw-Limary Street: 55 Madison Avenue, Suite 400 City: Morristown State: NJ Zip: 07960 <input checked="" type="checkbox"/> Email Results: chloe@tribetokes.com Ph: (949) 315-5196 <input type="checkbox"/> Fx Results: ( ) Billing (if different):				<b>Analysis Requested</b> Potency H0010 Pesticides (CA) P2130 Solvents (CA) H0020 Metals H0013								PO Number: Project Number: Project Name: TribeTokes CBD Q1 2022 Custom Reporting: Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <i>*Check for availability</i>			
Lab ID	Client Sample Identification	Date	Time	Potency H0010	Pesticides (CA) P2130	Solvents (CA) H0020	Metals H0013					Sample Type †	Weight (Units)	Comments/Metric ID	
	Mango Haze CBD 0122	11/13/22	1:11pm	X	X	X	X					C	12g	• All samples are of hemp derived CBD extract (oil) mixed with strain specific terpenes  • Please test to California Standards  **** PLEASE TEST ONE SAMPLE FIRST TO ENSURE IT PASSES CA STANDARDS, when it passes then test the remaining 11 *****  Page 1 of 2	
	MediHaze CBD 0122	11/13/22	1:11pm	X	X	X	X					C	12g		
	Sour Tsunami CBD 0122	11/13/22	1:11pm	X	X	X	X					C	12g		
	Juicy Fruit CBD 0122	11/13/22	1:11pm	X	X	X	X					C	12g		
	Remedy CBD 0122	11/13/22	1:11pm	X	X	X	X					C	12g		
	Sweet Sour Widow CBD 0122	11/13/22	1:11pm	X	X	X	X					C	12g		
	NYC Diesel CBD 0122	11/13/22	1:11pm	X	X	X	X					C	12g		
	Hawaiian Dream CBD 0122	11/13/22	1:11pm	X	X	X	X					C	12g		
	CBD Kush 0122	11/13/22	1:11pm	X	X	X	X					C	12g		
Relinquished By:		Date	Time	Received By:				Date	Time	Lab Use Only:					
Chloe Shaw-Limary		11/13/22	1:11pm	DS				1/18/22	13:21	Shipped Via: <u>USPS</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>17.5°C</u> Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: Prelog storage:					

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms  
 12423 NE Whitaker Way  
 Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452  
 info@columbialaboratories.com

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 www.columbialaboratories.com





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Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Document Control ID: 2832 Revision: 1  
 Effective: 05/07/2021  
 ORELAP ID: OR100028

Company: <u>TribeTokes</u>				Analysis Requested								PO Number: _____			
Contact: <u>Chloe Shaw-Limary</u>				Pesticides (CA) P2130								Project Number: _____			
Street: <u>55 Madison Avenue, Suite 400</u>				Solvents (CA) H0020								Project Name: <u>TribeTokes CBD Q1 2022</u>			
City: <u>Morristown</u> State: <u>NJ</u> Zip: <u>07960</u>				Metals H0013								Custom Reporting: _____			
<input checked="" type="checkbox"/> Email Results: <u>chloe@tribetokes.com</u> Ph: ( <u>949</u> ) <u>315-5198</u> <input type="checkbox"/> Fx Results: ( <u>   </u> ) Billing (if different): _____												Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* *Check for availability			
												Sampled by: _____			
Lab ID	Client Sample Identification	Date	Time	potency H0010	Pesticides (CA) P2130	Solvents (CA) H0020	Metals H0013					Sample Type †	Weight (Units)	Comments/Metric ID	
	<u>Birthday Cake CBD 0122</u>	<u>11/13/22</u>	<u>1:11pm</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>					<u>C</u>	<u>12g</u>	<ul style="list-style-type: none"> <li>All samples are of hemp derived CBD extract (oil) mixed with strain specific terpenes</li> <li>Please test to California Standards</li> <li>**** PLEASE TEST ONE SAMPLE FIRST TO ENSURE IT PASSES CA STANDARDS, when it passes then test the remaining 11 *****</li> </ul> Page 2 of 2	
	<u>CBD Shark 0122</u>	<u>11/13/22</u>	<u>1:11pm</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>					<u>C</u>	<u>12g</u>		
	<u>Northern Lights CBD 0122</u>	<u>11/13/22</u>	<u>1:11pm</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>					<u>C</u>	<u>12g</u>		
Relinquished By: <u>Chloe Shaw-Limary</u>				Date: <u>11/13/22</u>	Time: <u>1:11pm</u>	Received By: <u>DS</u>		Date: <u>1/18/22</u>	Time: <u>13:21</u>	Lab Use Only:					
Shipped Via: <u>USPS</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>17.5°c</u> Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: Prelog storage: _____															

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)



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Document ID: 3177 Revision: 2  
Effective: 06/25/2021  
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Job Number: \_\_\_\_\_ Search Name: \_\_\_\_\_

Package/Cooler opened on (if different than received date/time) Date: 1/18/22 Time: 13:21

Received By (Initials): DS Logged in by (Initials): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

1) Were custody seals on outside of the package/cooler? YES NO NA  
If YES, how many and where? \_\_\_\_\_

Does date match collection date on COC? \_\_\_\_\_ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: \_\_\_\_\_

Tracking Number (written in or copy of shipping label): 9505 3190 0991 2014 9318 96

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other:

6) Was temperature upon receipt 4°C+- 2°C (if appropriate)? YES NO NA

If not, client contacted: \_\_\_\_\_  
Proceed? YES NO

7) Was there evidence of cooling? YES NO NA

What kind? Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES NO NA

9) Did all sample containers arrive in good condition? YES NO NA

10) Were all sample container labels complete? YES NO NA

11) Did all sample container labels and tags agree with the COC? YES NO NA

12) Were correct sample containers used for the tests indicated? YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA

14) Was a sufficient amount of sample sent in each sample container? YES NO NA

15) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: \_\_\_\_\_

Explain any discrepancies: 17.5°C





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Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

**Laboratory Quality Control Results**

**J AOAC 2015 V98-6 Batch ID: 2200785**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.195	0.2	%	97.5	85.0 - 115	Acceptable	
CBDV	0.212	0.2	%	106	85.0 - 115	Acceptable	
CBE	0.193	0.2	%	96.4	85.0 - 115	Acceptable	
CBDA	0.209	0.2	%	105	85.0 - 115	Acceptable	
CBGA	0.195	0.2	%	97.6	85.0 - 115	Acceptable	
CBG	0.189	0.2	%	94.3	85.0 - 115	Acceptable	
CBD	0.196	0.2	%	97.9	85.0 - 115	Acceptable	
THCV	0.181	0.2	%	90.5	85.0 - 115	Acceptable	
d8THCV	0.180	0.2	%	89.9	85.0 - 115	Acceptable	
THCVA	0.194	0.2	%	96.9	85.0 - 115	Acceptable	
CBN	0.188	0.2	%	94.2	85.0 - 115	Acceptable	
exo-THC	0.174	0.2	%	86.8	85.0 - 115	Acceptable	
d9THC	0.184	0.2	%	91.9	85.0 - 115	Acceptable	
d8THC	0.173	0.2	%	86.7	85.0 - 115	Acceptable	
CBL	0.187	0.2	%	93.5	85.0 - 115	Acceptable	
CBC	0.175	0.2	%	87.7	85.0 - 115	Acceptable	
THCA	0.196	0.2	%	98.0	85.0 - 115	Acceptable	
CBCA	0.199	0.2	%	99.6	85.0 - 115	Acceptable	
CBLA	0.194	0.2	%	97.1	85.0 - 115	Acceptable	
CBT	0.229	0.2	%	115	85.0 - 115	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d9THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBC	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBLA	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<LOQ	0.1	%	< 0.1	Acceptable	

**Abbreviations**

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

**Units of Measure:**

% - Percent



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Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

**Laboratory Quality Control Results**

J AOAC 2015 V98-6		Batch ID: 2200785						
Sample Duplicate		Sample ID: 22-000591-0002						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	3.05	3.09	0.1	%	1.28	< 20	Acceptable	
CBE	9.26	9.38	0.1	%	1.25	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	10.6	10.7	0.1	%	1.04	< 20	Acceptable	
CBD	49.2	49.9	0.1	%	1.44	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	0.233	0.240	0.1	%	3.19	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	

**Abbreviations**

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

**Units of Measure:**

% - Percent



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 22-000591/D011.R000  
**Report Date:** 02/01/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/18/22 13:21

Revision: Document ID:  
Legacy ID: Effective:

Laboratory Quality Control Results									
Residual Solvents					Batch ID: 2200807				
Method Blank			Laboratory Control Sample						
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		386	401	µg/g	96.3	70 - 130	
Isobutane	ND	< 200		419	498	µg/g	84.1	70 - 130	
Butane	ND	< 200		415	493	µg/g	84.2	70 - 130	
2,2-Dimethylpropane	ND	< 200		653	628	µg/g	104.0	70 - 130	
Methanol	ND	< 200		1450	1610	µg/g	90.1	70 - 130	
Ethylene Oxide	ND	< 30		31	37.2	µg/g	83.3	70 - 130	
2-Methylbutane	ND	< 200		1450	1630	µg/g	89.0	70 - 130	
Pentane	ND	< 200		1510	1610	µg/g	93.8	70 - 130	
Ethanol	ND	< 200		1320	1630	µg/g	81.0	70 - 130	
Ethyl Ether	ND	< 200		1420	1610	µg/g	88.2	70 - 130	
2,2-Dimethylbutane	ND	< 30		172	165	µg/g	104.2	70 - 130	
Acetone	ND	< 200		1570	1610	µg/g	97.5	70 - 130	
2-Propanol	ND	< 200		1590	1610	µg/g	98.8	70 - 130	
Acetonitrile	ND	< 100		564	498	µg/g	113.3	70 - 130	
2,3-Dimethylbutane	ND	< 30		161	162	µg/g	99.4	70 - 130	
Dichloromethane	ND	< 60		469	498	µg/g	94.2	70 - 130	
2-Methylpentane	ND	< 30		183	167	µg/g	109.6	70 - 130	
3-Methylpentane	ND	< 30		178	179	µg/g	99.4	70 - 130	
Hexane	ND	< 30		138	164	µg/g	84.1	70 - 130	
Ethyl acetate	ND	< 200		1440	1620	µg/g	88.9	70 - 130	
2-Butanol	ND	< 200		1450	1600	µg/g	90.6	70 - 130	
Tetrahydrofuran	ND	< 100		415	500	µg/g	83.0	70 - 130	
Cyclohexane	ND	< 200		1430	1610	µg/g	88.8	70 - 130	
Benzene	ND	< 1		5.49	5.62	µg/g	97.7	70 - 130	
Isopropyl Acetate	ND	< 200		1650	1610	µg/g	102.5	70 - 130	
Heptane	ND	< 200		1680	1610	µg/g	104.3	70 - 130	
1,4-Dioxane	ND	< 100		482	502	µg/g	96.0	70 - 130	
2-Ethoxyethanol	ND	< 30		151	164	µg/g	92.1	70 - 130	
Ethylene Glycol	ND	< 200		500	502	µg/g	99.6	70 - 130	
Toluene	ND	< 200		469	488	µg/g	96.1	70 - 130	
Ethylbenzene	ND	< 200		925	965	µg/g	95.9	70 - 130	
m,p-Xylene	ND	< 200		956	990	µg/g	96.6	70 - 130	
o-Xylene	ND	< 200		907	971	µg/g	93.4	70 - 130	
Cumene	ND	< 30		160	179	µg/g	89.4	70 - 130	
1,2-Dichloroethane	ND	< 1		1.1	1	µg/g	110.0	70 - 130	
Chloroform	ND	< 1		1.03	1	µg/g	103.0	70 - 130	
Trichloroethylene	ND	< 1		0.974	1	µg/g	97.4	70 - 130	



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QC - Sample Duplicate Sample ID: 22-000983-0002

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	

**Abbreviations**

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

**Units of Measure:**

µg/g - Microgram per gram or ppm



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.