Columbia LABORATORIES
A Tentamus Company

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

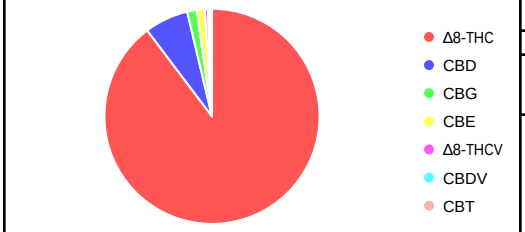
Report Number:	22-002422/D002.R000
Report Date:	03/08/2022
ORELAP#:	OR100028
Purchase Order:	0301
Received:	03/02/22 13:47

Customer:	TribeTokes
Product identity:	D8 Gelato 0301
Client/Metrc ID:	.
Laboratory ID:	22-002422-0002

Summary

Potency:

Analyte	Result (%)
Δ8-THC†	66.0
CBD	4.83
CBG†	1.06
CBE†	0.890
Δ8-THCV	0.329
CBDV†	0.270
CBT†	0.186



CBD-Total	4.83%
THC-Total	<LOQ

(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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Testing in accordance with: OAR 333-007-0430

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Report Date: 03/08/2022
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Purchase Order: 0301
Received: 03/02/22 13:47

Customer: TribeTokes
United States of America (USA)
Product identity: D8 Gelato 0301
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-002422-0002
Evidence of Cooling: No
Temp: 22.1 °C
Relinquished by: USPS

Sample Results

Potency **Method** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2201908 **Analyze:** 3/4/22 1:36:00 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0868	
CBC-A†	< LOQ		0.0868	
CBC-Total†	< LOQ		0.163	
CBD	4.83		0.0868	
CBD-A	< LOQ		0.0868	
CBD-Total	4.83		0.163	
CBDV†	0.270		0.0868	
CBDV-A†	< LOQ		0.0868	
CBDV-Total†	0.270		0.162	
CBE†	0.890		0.0868	
CBG†	1.06		0.0868	
CBG-A†	< LOQ		0.0868	
CBG-Total	1.06		0.162	
CBL†	< LOQ		0.0868	
CBL-A†	< LOQ		0.0868	
CBL-Total†	< LOQ		0.163	
CBN	< LOQ		0.0868	
CBT†	0.186		0.0868	
Δ8-THC†	66.0		0.868	
Δ8-THCV	0.329		0.0868	
Δ9-THC	< LOQ		0.0868	
THC-A	< LOQ		0.0868	
THC-Total	< LOQ		0.163	
THCV†	< LOQ		0.0868	
THCV-A†	< LOQ		0.0868	
THCV-Total†	< LOQ		0.162	
Total Cannabinoids†	73.6			

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ORELAP#: OR100028
Purchase Order: 0301
Received: 03/02/22 13:47

Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2201943 **Analyze** 03/07/22 11:03 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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Received: 03/02/22 13:47

Pesticides

Method AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2201944 **Analyze** 03/07/22 11:15 AM

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		
Flonicamid	< 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	0.0633	2202015	03/08/22	AOAC 2013.06 (mod.)	pass	X
Cadmium	< LOQ	0.20	mg/kg	0.0633	2202015	03/08/22	AOAC 2013.06 (mod.)	pass	X
Lead	< LOQ	0.50	mg/kg	0.0633	2202015	03/08/22	AOAC 2013.06 (mod.)	pass	X
Mercury	< LOQ	0.10	mg/kg	0.0317	2202015	03/08/22	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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Columbia LABORATORIES
A Tentamus Company

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
☑ Email Results: chloe@tribetokes.com
Ph: (949) 315-5196 ☐ Fx Results: (___)
Billing (if different):

PO Number:
Project Number: 0301
Project Name:
Custom Reporting:
Report to State - ☐ METRC or ☐ Other:
Turnaround time: ☑ 5 Business Day Standard Turnaround
☐ 3 Business Day Rush Turnaround*
☐ 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/Metrc ID
	D8 Gelato 0301	03/01/22	2:22pm	X	X	X	X	C		
	D8 Green Crack 0301	03/01/22	2:22pm	X	X	X	X	C		

Relinquished By:	Date	Time	Received By:	Date	Time
Chloe Shaw-Limary	03/01/22	2:22pm	AC	3-2	13:47

Lab Use Only:
☑ Shipped Via: USPS or ☐ Client drop
Evidence of cooling: ☐ Yes | ☑ No - Temp (°C): 22.1
Sample in good condition: ☑ Yes | ☐ No
☐ Cash | ☐ Check | ☐ CC | ☐ 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 current 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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Received:	03/02/22 13:47

Job Number: _____ Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: _____ Time: _____

Received By (Initials): AC Logged in by (Initials): _____ Date: 3.2 Time: 13:46

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): EI 206 955 845 US

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)? 22.1 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

16) Sample location prior to login: R99 R39 R44 F44 (Ambient Shelf) Cannabis Table Other: _____

Explain any discrepancies: _____

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

Laboratory Quality Control Results

JAOAC 2015 V98-6 — Batch ID: 2201908

Laboratory Control Sample

Analyte	Result	Spike	Units	%Rec	Limits	Evaluation	Notes
CBDVA	0.188	0.2	%	94.1	80.0 - 120	Acceptable	
CBDV	0.224	0.2	%	112	80.0 - 120	Acceptable	
CBE	0.186	0.2	%	93.0	80.0 - 120	Acceptable	
CBDA	0.204	0.2	%	102	80.0 - 120	Acceptable	
CBGA	0.188	0.2	%	94.2	80.0 - 120	Acceptable	
CBG	0.197	0.2	%	98.6	80.0 - 120	Acceptable	
CBD	0.203	0.2	%	101	80.0 - 120	Acceptable	
THCV	0.182	0.2	%	91.0	80.0 - 120	Acceptable	
d8THCV	0.193	0.2	%	96.7	80.0 - 120	Acceptable	
THCVA	0.186	0.2	%	93.0	80.0 - 120	Acceptable	
CBN	0.189	0.2	%	94.5	80.0 - 120	Acceptable	
exo-THC	0.174	0.2	%	86.9	80.0 - 120	Acceptable	
d9THC	0.179	0.2	%	89.3	80.0 - 120	Acceptable	
d8THC	0.179	0.2	%	89.6	80.0 - 120	Acceptable	
CBL	0.168	0.2	%	83.8	80.0 - 120	Acceptable	
CBC	0.186	0.2	%	92.8	80.0 - 120	Acceptable	
THCA	0.190	0.2	%	95.1	80.0 - 120	Acceptable	
CBCA	0.195	0.2	%	97.6	80.0 - 120	Acceptable	
CBLA	0.198	0.2	%	98.8	80.0 - 120	Acceptable	
CBT	0.186	0.2	%	93.2	80.0 - 120	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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Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2201908

Sample Duplicate Sample ID: 22-002361-0001

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBE	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBG	0.803	0.807	0.1	%	0.596	< 20	Acceptable	
CBD	< LOQ	0.108	0.1	%	NA	< 20	Acceptable	
THCV	0.183	0.173	0.1	%	5.38	< 20	Acceptable	
d8THCV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBN	0.281	0.281	0.1	%	0.129	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	28.0	28.5	0.1	%	1.90	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBL	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBC	0.518	0.519	0.1	%	0.0707	< 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	0.157	0.188	0.1	%	17.9	< 20	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: Document ID:
Legacy ID: Effective:

Laboratory Quality Control Results

Residual Solvents — Batch ID: 2201943

Method Blank					Laboratory Control Sample							
Analyte	Result		LOQ	Notes	Result	Spike	Units	%Rec	Limits			Notes
Propane	ND	<	200		661	572	µg/g	115.6	70	-	130	
Isobutane	ND	<	200		913	731	µg/g	124.9	70	-	130	
Butane	ND	<	200		928	731	µg/g	126.9	70	-	130	
2,2-Dimethylpropane	ND	<	200		1040	936	µg/g	111.1	70	-	130	
Methanol	ND	<	200		1640	1610	µg/g	101.9	70	-	130	
Ethylene Oxide	ND	<	30		71.5	56.2	µg/g	127.2	70	-	130	
2-Methylbutane	ND	<	200		1780	1630	µg/g	109.2	70	-	130	
Pentane	ND	<	200		1750	1610	µg/g	108.7	70	-	130	
Ethanol	ND	<	200		1660	1630	µg/g	101.8	70	-	130	
Ethyl Ether	ND	<	200		1750	1610	µg/g	108.7	70	-	130	
2,2-Dimethylbutane	ND	<	30		181	165	µg/g	109.7	70	-	130	
Acetone	ND	<	200		1760	1610	µg/g	109.3	70	-	130	
2-Propanol	ND	<	200		1660	1610	µg/g	103.1	70	-	130	
Ethyl Formate	ND	<	500		1480	1620	µg/g	91.4	70	-	130	
Acetonitrile	ND	<	100		533	498	µg/g	107.0	70	-	130	
Methyl Acetate	ND	<	500		2480	1810	µg/g	137.0	70	-	130	Q1
2,3-Dimethylbutane	ND	<	30		198	162	µg/g	122.2	70	-	130	
Dichloromethane	ND	<	60		525	498	µg/g	105.4	70	-	130	
2-Methylpentane	ND	<	30		191	167	µg/g	114.4	70	-	130	
MTBE	ND	<	500		1680	1610	µg/g	104.3	70	-	130	
3-Methylpentane	ND	<	30		186	179	µg/g	103.9	70	-	130	
Hexane	ND	<	30		171	164	µg/g	104.3	70	-	130	
1-Propanol	ND	<	500		1620	1620	µg/g	100.0	70	-	130	
Methylethylketone	ND	<	500		1850	1770	µg/g	104.5	70	-	130	
Ethyl acetate	ND	<	200		1700	1620	µg/g	104.9	70	-	130	
2-Butanol	ND	<	200		1410	1600	µg/g	88.1	70	-	130	
Tetrahydrofuran	ND	<	100		534	500	µg/g	106.8	70	-	130	
Cyclohexane	ND	<	200		1700	1610	µg/g	105.6	70	-	130	
2-methyl-1-propanol	ND	<	500		1630	1610	µg/g	101.2	70	-	130	
Benzene	ND	<	1		6.45	5.62	µg/g	114.8	70	-	130	
Isopropyl Acetate	ND	<	200		1700	1610	µg/g	105.6	70	-	130	
Heptane	ND	<	200		1640	1610	µg/g	101.9	70	-	130	
1-Butanol	ND	<	500		1640	1620	µg/g	101.2	70	-	130	
Propyl Acetate	ND	<	500		1680	1620	µg/g	103.7	70	-	130	
1,4-Dioxane	ND	<	100		447	502	µg/g	89.0	70	-	130	
2-Ethoxyethanol	ND	<	30		160	164	µg/g	97.6	70	-	130	
Methylisobutylketone	ND	<	500		1620	1620	µg/g	100.0	70	-	130	
3-Methyl-1-butanol	ND	<	500		1410	1620	µg/g	87.0	70	-	130	
Ethylene Glycol	ND	<	200		434	502	µg/g	86.5	70	-	130	
Toluene	ND	<	200		493	488	µg/g	101.0	70	-	130	
Isobutyl Acetate	ND	<	500		1840	1700	µg/g	108.2	70	-	130	
1-Pentanol	ND	<	500		1290	1630	µg/g	79.1	70	-	130	
Butyl Acetate	ND	<	500		1410	1660	µg/g	84.9	70	-	130	
Ethylbenzene	ND	<	200		949	965	µg/g	98.3	70	-	130	
m,p-Xylene	ND	<	200		932	990	µg/g	94.1	70	-	130	
o-Xylene	ND	<	200		931	971	µg/g	95.9	70	-	130	
Cumene	ND	<	30		176	179	µg/g	98.3	70	-	130	
Anisole	ND	<	500		1420	1650	µg/g	86.1	70	-	130	
DMSO	ND	<	500		1310	1630	µg/g	80.4	70	-	130	
1,2-dimethoxyethane	ND	<	50		209	183	µg/g	114.2	70	-	130	
Triethylamine	ND	<	500		1510	1620	µg/g	93.2	70	-	130	
N,N-dimethylformamide	ND	<	150		428	495	µg/g	86.5	70	-	130	
N,N-dimethylacetamide	ND	<	150		366	502	µg/g	72.9	70	-	130	
Pyridine	ND	<	50		188	186	µg/g	101.1	70	-	130	
1,2-Dichloroethane	ND	<	1		1.11	1	µg/g	111.0	70	-	130	
Chloroform	ND	<	1		1.17	1	µg/g	117.0	70	-	130	
Trichloroethylene	ND	<	1		1.12	1	µg/g	112.0	70	-	130	
Ethylene Oxide	ND	<	1		1.18	1	µg/g	118.0	70	-	130	
Dichloromethane	ND	<	1		1.23	1	µg/g	123.0	70	-	130	
Benzene	ND	<	1		1.17	1	µg/g	117.0	70	-	130	

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Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430

Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-002422/D002.R000
Report Date: 03/08/2022
ORELAP#: OR100028
Purchase Order: 0301
Received: 03/02/22 13:47

Revision: Document ID:
Legacy ID: Effective:

QC - Sample Duplicate — Sample ID: 22-002486-0001

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	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	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	
MTBE	ND	ND	500	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	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500	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	
2-methyl-1-propanol	ND	ND	500	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-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	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	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	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	
Isobutyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	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	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	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	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Benzene	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
Q1 - Quality control result biased high. Only non-detect samples reported.

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	Quantitaion 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.

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