Columbia LABORATORIES
A Tentamus Company

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

Report Number: 22-005820/D005.R002
Report Date: 05/31/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/18/22 15:57

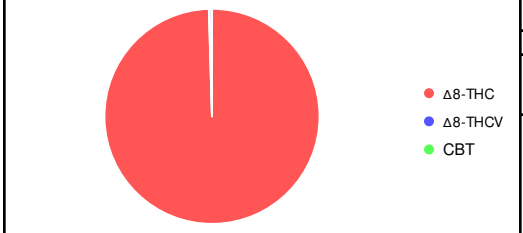
This is an amended version of report# 22-005820/D005.R001.
Reason: Updated customer information.

Customer: IHC LLC
Product identity: Δ8 THC Distillate (#1008-051822)
Client/Metrc ID: .
Laboratory ID: 22-005820-0002

Summary

Potency:

Analyte	Result (%)
Δ8-THC	87.8
Δ8-THCV	0.319
CBT†	0.0887



CBD-Total	<LOQ
THC-Total	<LOQ

(Reported in percent of total sample)

Residual Solvents:

All analytes passing and less than LOQ.

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Customer: IHC LLC
825 NW 16th Ave
Portland Oregon 97209 United States of America (USA)

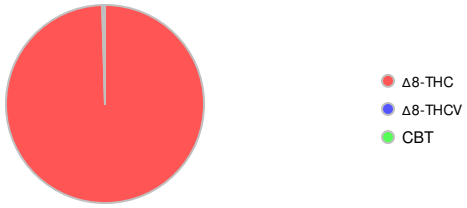
Product identity: Δ8 THC Distillate (#1008-051822)
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-005820-0002
Evidence of Cooling: No
Temp: 18.6 °C
Relinquished by: Client

THE HEMP COLLECT

Sample Results

Potency **Method** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2204345 **Analyze:** 5/20/22 7:51:00 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0741	
CBC-A†	< LOQ		0.0741	
CBC-Total†	< LOQ		0.139	
CBD	< LOQ		0.0741	
CBD-A	< LOQ		0.0741	
CBD-Total	< LOQ		0.139	
CBDV†	< LOQ		0.0741	
CBDV-A†	< LOQ		0.0741	
CBDV-Total†	< LOQ		0.138	
CBE†	< LOQ		0.0741	
CBG†	< LOQ		0.0741	
CBG-A†	< LOQ		0.0741	
CBG-Total	< LOQ		0.138	
CBL†	< LOQ		0.0741	
CBL-A†	< LOQ		0.0741	
CBL-Total†	< LOQ		0.139	
CBN	< LOQ		0.0741	
CBT†	0.0887		0.0741	
Δ8-THC	87.8		0.741	
Δ8-THCV	0.319		0.0741	
Δ9-THC	< LOQ		0.0741	
exo-THC	< LOQ		0.0741	
THC-A	< LOQ		0.0741	
THC-Total	< LOQ		0.139	
THCV†	< LOQ		0.0741	
THCV-A†	< LOQ		0.0741	
THCV-Total†	< LOQ		0.138	
Total Cannabinoids†	88.2			



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Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2204516 **Analyze** 05/27/22 10:24 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

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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
% = Percentage of sample
% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

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

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Columbia LABORATORIES
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Hemp & Cannabis: Usable / Extract / Finished Product
Chain of Custody Record

ORELAP ID: **OR100028** ANAB ISO 17025 ID: **AT-1508**

Document Control ID: 2832 Revision: 5
Effective: 01/04/2022

Company: InSupply Labs LLC.
Contact: Chris Lonergan
Address: 13351 SE Johnson Rd. 97222
City: Portland State: OR Zip Code: ~~97267~~
☐ Email Results: chris@insupplylabs.com
☐ Ph: (971) - 868 - 4822

Billing Contact (if different)

Name: _____ Email: _____
Address: _____
City: _____ State: _____ Zip: _____
Ph: (___) - _____

Analysis Requested

Lab ID	Client Sample Identification	Sample date	P2120-Pesticides OR 59 compounds	H0010-Potency (Basic + Extended Profile)	H0008-Residual Solvents OR	H0030-Terpenes	H0013-Heavy Metals (As, Cd, Pb & Hg)	M075-Micro: E.coli and Total Coliform	M283-Micro: Yeast and Mold	H0040-Mycotoxins	Other:	Other:	Material Type †	Weight (Units)	Comments/Metrc ID
	CBN Isolate (Batch #1017-050522)	5/18		✓	✓										
	Δ8 THC Distillate (#1008-051822)	5/19		✓	✓										

PO Number: _____
Project ID: _____
Batch ID: _____
Sampled by: _____
Custom Reporting: _____

Source Material: ☐ - Ind. Hemp product | ☐ - Rec. Cannabis
Reporting Type: ☐ - Compliance | ☐ - R&D
Report to: ☐ - METRC | ☐ - ODA | ☐ - USDA | ☐ - Other:

Turnaround time (TAT - Business Days):
☑ - 5BD | ☐ - 3BD* | ☐ - 2BD*
**Check for availability*

Signature - Relinquished By:	Date	Time	Signature - Received By:	Date	Time
Chris Lonergan	5/18	7:58 PM	AC	5-18	15:57

Lab Use Only:
☐ Shipped Via: _____ or ☒ Client drop off
Evidence of cooling: ☐ Yes | ☐ No - Temp (°C): 18.6
Sample in good condition: ☐ Yes | ☐ No
Payment: ☐ Cash | ☐ Check | ☑ CC | ☐ Net: 378.00
Prelog storage: 045718

† - **Material Type Codes:** Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

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

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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: 2204345**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	1	0.102	0.100	%	102	80.0 - 120	Acceptable	
CBDV	1	0.109	0.100	%	109	80.0 - 120	Acceptable	
CBE	1	0.0971	0.100	%	97.1	80.0 - 120	Acceptable	
CBDA	1	0.103	0.100	%	103	90.0 - 110	Acceptable	
CBGA	1	0.0966	0.100	%	96.6	80.0 - 120	Acceptable	
CBG	1	0.0964	0.100	%	96.4	80.0 - 120	Acceptable	
CBD	1	0.103	0.100	%	103	90.0 - 110	Acceptable	
THCV	1	0.0992	0.100	%	99.2	80.0 - 120	Acceptable	
d8THCV	1	0.102	0.100	%	102	80.0 - 120	Acceptable	
THCVA	1	0.0978	0.100	%	97.8	80.0 - 120	Acceptable	
CBN	1	0.104	0.100	%	104	90.0 - 110	Acceptable	
exo-THC	1	0.0967	0.100	%	96.7	80.0 - 120	Acceptable	
d9THC	1	0.103	0.100	%	103	90.0 - 110	Acceptable	
d8THC	1	0.0934	0.100	%	93.4	80.0 - 120	Acceptable	
CBL	1	0.0967	0.100	%	96.7	80.0 - 120	Acceptable	
CBC	1	0.102	0.100	%	102	80.0 - 120	Acceptable	
THCA	1	0.0996	0.100	%	99.6	90.0 - 110	Acceptable	
CBCA	1	0.0996	0.100	%	99.6	80.0 - 120	Acceptable	
CBLA	1	0.102	0.100	%	102	80.0 - 120	Acceptable	
CBT	1	0.0950	0.100	%	95.0	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.077	%	< 0.077	Acceptable	
CBDV	<LOQ	0.077	%	< 0.077	Acceptable	
CBE	<LOQ	0.077	%	< 0.077	Acceptable	
CBDA	<LOQ	0.077	%	< 0.077	Acceptable	
CBGA	<LOQ	0.077	%	< 0.077	Acceptable	
CBG	<LOQ	0.077	%	< 0.077	Acceptable	
CBD	<LOQ	0.077	%	< 0.077	Acceptable	
THCV	<LOQ	0.077	%	< 0.077	Acceptable	
d8THCV	<LOQ	0.077	%	< 0.077	Acceptable	
THCVA	<LOQ	0.077	%	< 0.077	Acceptable	
CBN	<LOQ	0.077	%	< 0.077	Acceptable	
exo-THC	<LOQ	0.077	%	< 0.077	Acceptable	
d9THC	<LOQ	0.077	%	< 0.077	Acceptable	
d8THC	<LOQ	0.077	%	< 0.077	Acceptable	
CBL	<LOQ	0.077	%	< 0.077	Acceptable	
CBC	<LOQ	0.077	%	< 0.077	Acceptable	
THCA	<LOQ	0.077	%	< 0.077	Acceptable	
CBCA	<LOQ	0.077	%	< 0.077	Acceptable	
CBLA	<LOQ	0.077	%	< 0.077	Acceptable	
CBT	<LOQ	0.077	%	< 0.077	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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Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2204345**

Sample Duplicate Sample ID: **22-005062-0001-01**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBD	3.13	3.26	0.077	%	3.88	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

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Legacy ID: Effective:

Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2204516

Method Blank					Laboratory Control Sample							
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**			**Notes**
Propane	ND	<	200		590	572	µg/g	103.1	60	-	120	
Isobutane	ND	<	200		921	731	µg/g	126.0	60	-	120	Q1
Butane	ND	<	200		886	731	µg/g	121.2	60	-	120	Q1
2,2-Dimethylpropane	ND	<	200		1020	936	µg/g	109.0	60	-	120	
Methanol	ND	<	200		1750	1620	µg/g	108.0	60	-	120	
Ethylene Oxide	ND	<	30		68.4	56.2	µg/g	121.7	60	-	120	Q1
2-Methylbutane	ND	<	200		1780	1620	µg/g	109.9	60	-	120	
Pentane	ND	<	200		1760	1610	µg/g	109.3	60	-	120	
Ethanol	ND	<	200		1930	1630	µg/g	118.4	70	-	130	
Ethyl Ether	ND	<	200		1720	1620	µg/g	106.2	60	-	120	
2,2-Dimethylbutane	ND	<	30		182	174	µg/g	104.6	60	-	120	
Acetone	ND	<	200		1570	1650	µg/g	95.2	60	-	120	
2-Propanol	ND	<	200		1720	1610	µg/g	106.8	60	-	120	
Ethyl Formate	ND	<	500		1500	1600	µg/g	93.8	70	-	130	
Acetonitrile	ND	<	100		534	498	µg/g	107.2	60	-	120	
Methyl Acetate	ND	<	500		1770	1610	µg/g	109.9	70	-	130	
2,3-Dimethylbutane	ND	<	30		180	176	µg/g	102.3	60	-	120	
Dichloromethane	ND	<	60		590	510	µg/g	115.7	60	-	120	
2-Methylpentane	ND	<	30		190	176	µg/g	108.0	60	-	120	
MTBE	ND	<	500		1610	1600	µg/g	100.6	70	-	130	
3-Methylpentane	ND	<	30		184	175	µg/g	105.1	60	-	120	
Hexane	ND	<	30		190	177	µg/g	107.3	60	-	120	
1-Propanol	ND	<	500		1750	1610	µg/g	108.7	70	-	130	
Methylethylketone	ND	<	500		1800	1600	µg/g	112.5	70	-	130	
Ethyl acetate	ND	<	200		1730	1630	µg/g	106.1	60	-	120	
2-Butanol	ND	<	200		2030	1620	µg/g	125.3	60	-	120	Q1
Tetrahydrofuran	ND	<	100		537	500	µg/g	107.4	60	-	120	
Cyclohexane	ND	<	200		1660	1620	µg/g	102.5	60	-	120	
2-methyl-1-propanol	ND	<	500		1890	1620	µg/g	116.7	70	-	130	
Benzene	ND	<	1		5.06	5.32	µg/g	95.1	60	-	120	
Isopropyl Acetate	ND	<	200		1580	1620	µg/g	97.5	60	-	120	
Heptane	ND	<	200		1610	1770	µg/g	91.0	60	-	120	
1-Butanol	ND	<	500		1760	1600	µg/g	110.0	70	-	130	
Propyl Acetate	ND	<	500		1720	1600	µg/g	107.5	70	-	130	
1,4-Dioxane	ND	<	100		537	504	µg/g	106.5	60	-	120	
2-Ethoxyethanol	ND	<	30		195	181	µg/g	107.7	60	-	120	
Methylisobutylketone	ND	<	500		1690	1610	µg/g	105.0	70	-	130	
3-Methyl-1-butanol	ND	<	500		1620	1610	µg/g	100.6	70	-	130	
Ethylene Glycol	ND	<	200		355	494	µg/g	71.9	60	-	120	
Toluene	ND	<	100		508	491	µg/g	103.5	60	-	120	
Isobutyl Acetate	ND	<	500		1950	1600	µg/g	121.9	70	-	130	
1-Pentanol	ND	<	500		1800	1610	µg/g	111.8	70	-	130	
Butyl Acetate	ND	<	500		1860	1610	µg/g	115.5	70	-	130	
Ethylbenzene	ND	<	200		977	973	µg/g	100.4	60	-	120	
m,p-Xylene	ND	<	200		964	996	µg/g	96.8	60	-	120	
o-Xylene	ND	<	200		988	973	µg/g	101.5	60	-	120	
Cumene	ND	<	30		184	170	µg/g	108.2	60	-	120	
Anisole	ND	<	500		1620	1610	µg/g	100.6	70	-	130	
DMSO	ND	<	500		1510	1630	µg/g	92.6	70	-	130	
1,2-dimethoxyethane	ND	<	50		183	164	µg/g	111.6	70	-	130	
Triethylamine	ND	<	500		1450	1600	µg/g	90.6	70	-	130	
N,N-dimethylformamide	ND	<	150		570	497	µg/g	114.7	70	-	130	
N,N-dimethylacetamide	ND	<	150		465	498	µg/g	93.4	70	-	130	
Pyridine	ND	<	50		232	180	µg/g	128.9	70	-	130	
1,2-Dichloroethane	ND	<	1		0.895	1	µg/g	89.5	70	-	130	
Chloroform	ND	<	1		1.03	1	µg/g	103.0	70	-	130	
Trichloroethylene	ND	<	1		1.04	1	µg/g	104.0	70	-	130	

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Revision: Document ID:
Legacy ID: Effective:

QC - Sample Duplicate **Sample ID: 22-005820-0001**

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	3210	3130	30	µg/g	2.5	< 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	7570	6790	200	µg/g	10.9	< 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	447	479	100	µg/g	6.9	< 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	

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

Columbia LABORATORIES
A Tentamus Company

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

Report Number:	22-005820/D005.R002
Report Date:	05/31/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	05/18/22 15:57

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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.