



Report Number:	23-000414/D003.R000
Report Date:	01/16/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/10/23 16:50

Customer:	IHC LLC
Product identity:	Live D8 SGR - OGK
Client/Metrc ID:	
Laboratory ID:	23-000414-0006

Summary

Analyte	Result (%)	• CBD • CBDV		
CBD	45.2	• Δ8-THC • CBG	CBD-Total	49.4%
∆8-THC	29.9	• CBD-A		
CBD-A	4.80	• СВТ	THC-Total	0.175%
CBT	0.564	• CBC		
CBC	0.435	<ul> <li>CBE</li> <li>Δ8-THCV</li> </ul>	(Reported in pe	rcent of total sample)
CBE	0.390	• CBN		
∆8-THCV	0.370	• CBC-A		
CBN	0.340	• THC-A		
CBC-A	0.269	CBG-A		
THC-A	0.199			
CBG-A	0.168			
CBDV	0.127			
CBG	0.0960			



IHC LLC

.

No 20 °C

Client

825 NW 16th Ave Portland Oregon 97209

Live D8 SGR - OGK

23-000414-0006

United States of America (USA)

**Customer:** 

**Product identity:** 

Client/Metrc ID:

Sample Date:

Laboratory ID:

Temp:

Evidence of Cooling:

Relinquished by:

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



Report Number:	23-000414/D003.R000
Report Date:	01/16/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/10/23 16:50



# **Sample Results**

Potency	Method: J AOAC 2015	V98-6 (mod) <sup>b</sup>	Jnits % Batch: 230	00475 Analyze: 1/13/23 11:01:00 PM
Analyte	As Dry	LOQ Notes		
	Received weight			• CBD • CBG-A
CBC	0.435	0.0682		Δ8-THC • CBDV     CBD-A • CBG
CBC-A	0.269	0.0682		CBD-A     CBG     CBT
CBC-Total	0.671	0.128		• CBT
CBD	45.2	0.682		• CBE
CBD-A	4.80	0.0682		Δ8-THCV
CBD-Total	49.4	0.742		• CBN
CBDV	0.127	0.0682		• CBC-A
CBDV-A	< LOQ	0.0682		THC-A
CBDV-Total	< LOQ	0.127		
CBE	0.390	0.0682		
CBG	0.0960	0.0682		
CBG-A	0.168	0.0682		
CBG-Total	0.243	0.127		
CBL	< LOQ	0.0682		
CBL-A	< LOQ	0.0682		
CBL-Total	< LOQ	0.128		
CBN	0.340	0.0682		
CBT	0.564	0.0682		
Δ10-THC-9R	< LOQ	0.0682		
∆8-THC	29.9	0.682		
∆8-THCV	0.370	0.0682		
∆9-THC	< LOQ	0.0682		
exo-THC	< LOQ	0.0682		
THC-A	0.199	0.0682		
THC-Total	0.175	0.128		
THCV	< LOQ	0.0682		
THCV-A	< LOQ	0.0682		
THCV-Total	< LOQ	0.127		
Total Cannabinoids	82.9			

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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0430





 Report Number:
 23-000414/D003.R000

 Report Date:
 01/16/2023

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 OR100028

 Purchase Order:
 Received:

 01/10/23 16:50
 01/10/23 16:50

### 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.

<sup>b</sup> = ISO/IEC 17025:2017 accredited method.

#### Units of Measure

% = Percentage of sample % wt =  $\mu g/g$  divided by 10,000

Approved Signatory

Derrick Tanner General Manager

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Report Number:	23-000414/D003.R000
Report Date:	01/16/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/10/23 16:50

	1 100 10 10 10 10 10 10 10 10 10 10 10 1			Analysis Requested												Number:	
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ab 0	Client Sample Identification	Date	Title	<b>Reitikides</b>	Pethode	Potenci	Residual Solimets	Molettere	Period and a second	Microc Ve	Mixtur 6.0	HIGHN MARTINE	Mytotosins	Other	Sample Type 1	Weight (Units)	Comments/Metric 12
	Live D8 SGR - FV		100.0	12		×	1					-			C	0.01100	C. 1 40.
	Live D8 SGR - TG					х									C		Sample #9: Alternate clieut name: Mary
	Live D8 8DR - OGK					X								- 3	C		Alternate alient
_	Live D8 BDR - PP					x							-		C		MITE MALE CITEM
	Live D8 SGR - OG					×									C		Maus: Man
1	Live DB SGR - OGK					×									C		mane. Mary
1	Live DB SGR - PB					x									C		TO
1	Live DB SGR - SP					x								-	C		1 Vae
0	08-King Louis					K									C		
1	Relegatived By:	Data	Tree			N	notice!	Bir.			0	AL.	- 19	ne.			Lab use Only:
3eth Griggs 1/10 4:30 P		Ţ,S					1/10/23 10:50		Shipped Via:								

1 - Sample Type Codes: Vegetation (V) / Isolates (V) | Entran/Concentrate (C); Texture/Topical (V); Edible (C); Reverage (V)

Surgice exhibited in Columbic Laboratories with testing requirements constitute an age at for services in accordance with the reserved trans. of service associated with this 170°, the signify Methyanited Vy" year on agreeing in these trans

12423 AE KONSISH WOR Portland, DA 87,045

P. (503) 234-2754 / Fex. (503) 254-2452 idadhaccondathacconces-sum

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Report Number:	23-000414/D003.R000			
Report Date:	01/16/2023			
ORELAP#:	OR100028			
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Received:	01/10/23 16:50			







23-000414/D003.R000 **Report Number: Report Date:** 01/16/2023 **ORELAP#:** OR100028 **Purchase Order:** 01/10/23 16:50 Received:

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.
В	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.

# SD230329-008 page 1 of 2

#### PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368

### sample 03DTST224\_AMBER\_D8 Distillate



QA Testing

Sample ID SD230329-008 (71349) Matrix Concentrate (Inhalable Cannabis Good)

Tested for The Hemp Collect Sampled -Received Mar 28, 2023 Analyses executed CAN+, RES, MIBIG, MTO, PES, HME, FVI

Laboratory note: The estimated concentration of the unknown peak in the sample is 660% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC, (+)d8-THC is a different compound from the main (-)d8-THC cannobinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC and d9-THC is problematic for the scientific community as a whole. PhormLabs believes the unidentified peak to be a combination of (+)d8-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 94.56%.

Reported Apr 05, 2023

## CAN+ - Cannabinoids Analysis

Analyzed Apr 04, 2023 | Instrument HPLC-VWD | Method SOP-001 The expanded Uncertainty of the Cannabinoid analysis is approximately **3.806**% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	94.56	945.60
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC ( THCa * 0.877 + Δ9THC )			ND	ND
Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )			94.56	945.60
Total CBD ( CBDa * 0.877 + CBD )			ND	ND
Total CBG ( CBGa * 0.877 + CBG )			ND	ND
Total Cannabinoids			94.56	945.60

## HME - Heavy Metals Detection Analysis

Analyzed Apr 04, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	ND	0.2	Cadmium (Cd)	3.0e-05	0.0005	ND	0.2
Mercury (Hg)	1.0e-05	0.0001	ND	0.1	Lead (Pb)	1.0e-05	0.00125	ND	0.5

## **MIBIG - Microbial Testing Analysis**

### Analyzed Mar 31, 2023 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram
Aspergillus fumigatus	ND	ND per 1 gram	Aspergillus flavus	ND	ND per 1 gram
Aspergillus niger	ND	ND per 1 gram	Aspergillus terreus	ND	ND per 1 gram

# MTO - Mycotoxin Testing Analysis

Analyzed Apr 04, 2023 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 05 Apr 2023 10:13:00 -0700



PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1 "This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fall status is reported, that status is intended to be in accordance with federal, state and local lows which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fall evolution unless explicition unless expliciting, state or local lows and has been reported on the retrificate of analysis. Ressurement of uncertainty is available upon request.

# SD230329-008 page 2 of 2

# **QA** Testing

#### PES - Pesticides Screening Analysis

Analyzed Apr 04, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
Pentachloronitrobenzene	0.01	0.1	ND	0.1					

### **RES - Residual Solvents Testing Analysis**

Analyzed Apr 04, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte		LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND	5000.0	Butane (But)	0.4	40.0	ND	5000.0
Methanol (Metha)	0.4	40.0	ND	3000.0	Ethylene Oxide (EthOx)	0.4	0.8	ND	1.0
Pentane (Pen)	0.4	40.0	ND	5000.0	Ethanol (Ethan)	0.4	40.0	ND	5000.0
Ethyl Ether (EthEt)	0.4	40.0	ND	5000.0	Acetone (Acet)	0.4	40.0	ND	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	1.0	1.0	Hexane (Hex)	0.4	40.0	ND	290.0
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000.0	Chloroform (Clo)	0.4	0.8	ND	1.0
Benzene (Ben)	0.4	0.8	ND	1.0	1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	1.0
Heptane (Hep)	0.4	40.0	ND	5000.0	Trichloroethylene (TriClEth)	0.4	0.8	ND	1.0
Toluene (Toluene)	0.4	40.0	ND	890.0	Xylenes (Xyl)	0.4	40.0	ND	2170.0

#### FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 30, 2023 | Instrument Microscope | Method SOP-010

Analyte / Limit	Result	Analyte / Limit	Result
>1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND
>1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

UI Not Identified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected NUCU. Above upper limit of linearity >ULCU. Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 05 Apr 2023 10:13:00 -0700



PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1 This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "os received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evolution unless explicitude, state or including and accordance with federal or should not be upon request.





Report Number:	23-000690/D022.R000				
Report Date:	01/24/2023				
ORELAP#:	OR100028				
Purchase Order:					
Received:	01/17/23 14:16				

\_ \_ \_ \_ \_ \_ \_ \_ \_

Customer:	IHC LLC
Product identity:	01LIR209_OGK
Client/Metrc ID:	
Laboratory ID:	23-000690-0011

Summary
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Analyte	Result (%)			
CBD-A	60.4	CBD-A	CBD-Total	54.0%
CBC-A	4.40	<ul><li>CBC-A</li><li>CBG-A</li></ul>		
CBG-A	2.79	• THC-A	THC-Total	2.47%
THC-A	2.48	• CBD		
CBD	1.05	CBDV-A	(Reported in per	rcent of total sample)
CBDV-A	0.426	<ul> <li>Δ9-THC</li> </ul>		
∆9-THC	0.293	• CBC		
CBC	0.190	CBG		
CBG	0.188	THCV-A		
THCV-A	0.0819			

# **Residual Solvents:**

### **Pesticides:**

Analyte	Result (mg/kg)	Limits (mg/kg)	Status
Multi-Residue Pesticide Profile	< LOQ for all analytes		

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

I \_ I \_ I 

### Metals:

\_ \_

Less than LOQ for all analytes.

I -- -



IHC LLC

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No

20 °C

ramos

825 NW 16th Ave Portland Oregon 97209

01LIR209\_OGK

23-000690-0011

United States of America (USA)

**Customer:** 

**Product identity:** 

Client/Metrc ID:

Sample Date:

Laboratory ID:

Temp:

Evidence of Cooling:

Relinquished by:

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



Report Number:	23-000690/D022.R000			
Report Date:	01/24/2023			
ORELAP#:	OR100028			
Purchase Order:				
Received:	01/17/23 14:16			



# **Sample Results**

Potency	Method: J AOAC	2015 V98-6 (mod	d) <sup>p</sup> Units %	Batch: 2300599	Analyze: 1/19/23 8:00:00 AM
Analyte		Dry LOQ	Notes		
		weight			CBD-A
CBC	0.190	0.0686			• CBC-A
CBC-A	4.40	0.0686			CBG-A     THE A
CBC-Total	4.05	0.129			<ul><li>THC-A</li><li>CBD</li></ul>
CBD	1.05	0.0686			CBD     CBD     CBDV-
CBD-A	60.4	0.686			<ul> <li>Δ9-THC</li> </ul>
CBD-Total	54.0	0.671			• CBC
CBDV	< LOQ	0.0686			• CBG
CBDV-A	0.426	0.0686			• THCV-
CBDV-Total	0.369	0.128			
CBE	< LOQ	0.0686			
CBG	0.188	0.0686			
CBG-A	2.79	0.0686			
CBG-Total	2.64	0.128			
CBL	< LOQ	0.0686			
CBL-A	< LOQ	0.0686			
CBL-Total	< LOQ	0.129			
CBN	< LOQ	0.0686			
CBT	< LOQ	0.0686			
Δ10-THC-9R	< LOQ	0.0686			
∆8-THC	< LOQ	0.0686			
∆8-THCV	< LOQ	0.0686			
∆9-THC	0.293	0.0686			
exo-THC	< LOQ	0.0686			
THC-A	2.48	0.0686			
THC-Total	2.47	0.129			
THCV	< LOQ	0.0686			
THCV-A	0.0819	0.0686			
THCV-Total	< LOQ	0.128			
Total Cannabinoids	72.3				

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Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

Solvents	Method:	Residua	I Solve	ents by	GC/MS <sup>p</sup>	Units µg/g Batch 2	300691	Analyz	<b>e</b> 01/2	23/23 (	03:03 PM
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)	499	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	499		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	

Pesticides Method: AOAC 2007.01 & EN 15662 (mod)<sup>b</sup> Units mg/kg Batch 2300687 Analyze 01/23/23 01:15 PM Analyte Result Limits Status Notes

Multi-Residue Pesticide Profile

< LOQ for all analytes

Metals							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Arsenic	< LOQ	0.200	mg/kg	0.0842	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>p</sup>	pass
Cadmium	< LOQ	0.200	mg/kg	0.0842	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass
Lead	< LOQ	0.500	mg/kg	0.0842	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass
Mercury	< LOQ	0.100	mg/kg	0.0421	2300594	01/18/23 AOAC 2013.06 (mod.) <sup>b</sup>	pass

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 Report Number:
 23-000690/D022.R000

 Report Date:
 01/24/2023

 ORELAP#:
 OR100028

 Purchase Order:
 Received:

 01/17/23 14:16
 01/17/23 14:16

#### 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.

<sup>b</sup> = ISO/IEC 17025:2017 accredited method.

#### 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

Approved Signatory

Derrick Tanner General Manager

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Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

6	Columbia
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#### P2320 Multi-Residue Pesticide Profile Cannabis

Analyte	LOQ (mg/kg)	
2,4-D	0.1	
Abamectin	0.1	
Acephate	0.2	
Acequinocyl	0.2	
Acetamiprid	0.1	
Acetochlor	0.2	
Acrinathrin	0.1	
Alachlor	0.1	
Aldicarb	0.1	
Aldoxycarb	0.1	
Aldrin	0.1	
Ametoctradin	0.1	
Ametryn	0.1	
Anilazine	0.1	
Aspon	0.1	
Asulam	0.1	
Atrazine	0.1	
Atrazine-desethyl	0.1	
Azinphos-ethyl	0.1	
Azinphos-methyl	0.1	
Azoxystrobin	0.1	
Benalaxyl	0.1	
Bendiocarb	0.1	
Benoxacor	0.1	
Bensulide	0.1	
Bentazon	0.1	
Bifenazate	0.1	
Bifenox	0.1	
Bifenthrin	0.1	
Binapacryl	0.1	
Boscalid	0.1	
Bromacil	0.1	
Bromophos-ethyl	0.1	
Bromopropylate	0.1	
Bromoxynil	0.1	
Bupirimate	0.1	
Buprofezin	0.1	
Butachlor	0.1	
Butylate	0.1	
Cadusafos	0.1	
Captan	0.2	
Carbaryl	0.1	
Carbendazim	0.1	
Carbofuran	0.1	
Carbofuran 3-hydroxy	0.1	
Carbophenothion	0.1	
Carbophenothion-methyl	0.1	
Carboxin	0.1	

Analyte	LOQ (mg/kg)				
Chlorantraniliprol	0.1				
Chlordane, cis-	0.1				
Chlordane, trans-	0.1				
Chlorfenapyr	0.1				
Chlorfenvinphos	0.1				
Chlorobenzilate	0.1				
Chlorpyrifos-ethyl	0.1				
Chlorpyrifos-methyl	0.1				
Chlorthal-dimethyl (Dacthal)	0.1				
Clethodim	0.1				
Clethodim sulfone	0.1				
Clethodim sulfoxide	0.1				
Clofentezine	0.1				
Clomazone	0.1				
Clopyralid	0.1				
Clothianidin	0.1				
Coumaphos	0.1				
Crotoxyphos	0.1				
Cyanofenphos	0.1				
Cyanophos	0.1				
Cyantraniliprole	0.1				
Cyazofamid	0.1				
Cyfluthrin	0.1				
Cyhalothrin, lambda	0.1				
Cymoxanil	0.1				
Cypermethrin	0.1				
Cyprodinil	0.1				
DDD, o,p'-	0.1				
DDD, p,p'-	0.1				
DDE, o,p'-	0.1				
DDE, p,p'-	0.1				
DDT, o,p'-	0.1				
DDT, p,p'-	0.1				
DEET	0.1				
Deltamethrin	0.1				
Demeton-S	0.1				
Demeton-s-methyl	0.1				
Demeton-S-methyl-sulfone	0.1				
Desmedipham	0.1				
Diazinon	0.1				
Dicamba	0.1				
Dichlofenthion	0.1				
Dichlofluanid	0.1				
Dichlorbenzamid	0.1				
Dichlorvos	0.1				
Diclofop	0.1				
Diclofop-methyl	0.1				
Dicrotophos	0.1				

Page 1 of 3

Dieldrin	ng/kg)           0.1
Difenoconazol Diflubenzuron Diflubenzuron Diflufenzopyr Dimethenamid Dimethoat Dimethomorph Dinotefuran Diotefuran Diphenamid Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Diflubenzuron Diflubenzuron Diflubenzuron Diflufenzopyr Dimethenamid Dimethoat Dimethomorph Dinoseb Dinotefuran Dioxathion Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron difference Disulfoton Sulfoxed Diuron difference Disulfoxed Diuron difference Disulfoxed Diverses Disulfoxed Diverses Disulfoxed Diverses Diverses Disulfoxed Diverses Di	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Diflufenzopyr Dimethenamid Dimethoat Dimethomorph Dinoseb Dinotefuran Dioxathion Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Dimethenamid Dimethonat Dimethomorph Dinoseb Dinotefuran Dioxathion Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Dimethenamid Dimethonat Dimethomorph Dinoseb Dinotefuran Dioxathion Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Dimethomorph Dinoseb Dinotefuran Dioxathion Diphenamid Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron Disulfoxide Divon Divon Disulfoxide Divon Disulfoxide Divon Divon Disulfoxide Divon Divon Disulfoxide Divon	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Dinoseb Dinotefuran Dioxathion Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron	0.1 0.1 0.1 0.1 0.1 0.1 0.1
Dinotefuran Dioxathion Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron	0.1 0.1 0.1 0.1 0.1 0.1
Dioxathion Diphenamid Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron Disulfoxide Divon Disulfoxide Divon Disulfoxide Divon Disulfoxide Divon Disulfoxide Divon Div	0.1 0.1 0.1 0.1 0.1
Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-sulfoxide Diuron	0.1 0.1 0.1 0.1
Diphenamid Diphenylamine (DPA) Disulfoton Disulfoton-sulfone Disulfoton-sulfoxide Diuron	0.1 0.1 0.1 0.1
Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron Disulfoxide Diuron	0.1 0.1
Disulfoton Disulfoton-sulfone Disulfoton-Sulfoxide Diuron Disulfoxide Diuron	0.1 0.1
Disulfoton-Sulfoxide Diuron	
Disulfoton-Sulfoxide Diuron	
Diuron	
DNOC	0.1
	0.1
Edifenphos	0.1
Endosulfan (alpha isomer)	0.1
Endosulfan (beta isomer)	0.1
Endosulfan-sulfate	0.1
Endrin	0.1
EPN	0.1
EPTC	0.1
Esfenvalerate/Fenvalerate	0.1
Ethiofencarb	0.1
Ethion	0.1
Ethofumesate	0.1
Ethoprophos	0.1
Etofenprox	0.1
Etoxazole	0.1
Etrimfos	0.1
Famoxadone	0.1
Famphur	0.1
Fenamiphos	0.1
Fenamiphos-Sulfone	0.1
Fenamiphos-Sulfoxide	0.1
Fenazaquin	0.1
Fenbuconazole	0.1
Fenhexamid	0.1
Fenobucarb	0.1
Fenoxycarb	0.1
Fenpropathrin	0.1
Fensulfothion	0.1
Fenthion	0.1
Fenuron	0.1

Updated: 09.12.2022

mg/kg= milligram per kilogram (ppm)

LOQ= Limit of Quantitation

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Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

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#### P2320 Multi-Residue Pesticide Profile Cannabis

Analyte	LOQ (mg/kg)
Flonicamid	0.1
Fluazifop	0.1
Fluazinam	0.1
Flucythrinate	0.1
Fludioxonil	0.1
Flufenacet	0.1
Flumioxazin	0.1
Fluopicolide	0.1
Fluopyram	0.1
Fluoxastrobin	0.1
Flupyradifurone	0.1
Fluridone	0.1
Fluroxypyr	0.1
Fluthiacet-methyl	0.1
Flutolanil	0.1
Flutriafol	0.1
Fluvalinate	0.1
Fluxapyroxad	0.1
	0.1
Fomesafen	
Formetanate	0.1
Furathiocarb	0.1
Haloxyfop	0.1
Heptachlor	0.1
Heptachlor epoxide	0.1
Hexaconazole	0.1
Hexazinone	0.1
Hexythiazox	0.1
Hydropene	0.1
Imazalil	0.1
Imazethapyr	0.1
Imidacloprid	0.1
Indaziflam	0.1
Indoxacarb	0.1
Iprobenfos	0.1
Iprodion	0.1
Isobenzan	0.1
Isofenphos	0.1
Isofenphos-methyl	0.1
Isofenphos-oxon	0.1
Isoprocarb	0.1
Isoprothiolane	0.1
Isoproturon	0.1
Isoxaben	0.1
Kresoxim-methyl	0.1
Lindane	0.1
Linuron	0.1
Malaoxon	0.1
Malathion	0.1

Analyte	LOQ (mg/kg)			
Mandipropamid	0.1			
MCPA	0.1			
MCPB	0.1			
MCPP	0.1			
Mecabarm	0.1			
Mepanipyrim	0.1			
Mesotrione	0.1			
Metalaxyl	0.1			
Methamidophos	0.1			
Methiocarb	0.1			
Methiocarb sulfone	0.1			
Methiocarb sulfoxide	0.1			
Methomyl	0.1			
Methoxyfenozide	0.1			
Metolachlor	0.1			
Metolcarb	0.1			
Metrafenone	0.1			
Mevinphos	0.1			
MGK 264	0.1			
Molinat	0.1			
Monocrotophos	0.1			
Monolinuron	0.1			
Myclobutanil	0.1			
Naled	0.1			
Napropamide	0.1			
Neburon	0.1			
Norflurazon	0.1			
Novaluron	0.1			
Omethoat	0.1			
Oryzalin	0.1			
Oxadiazon	0.1			
Oxadixyl	0.1			
Oxamyl	0.1			
Oxamyl-oxime	0.1			
Oxychlordane	0.1			
Oxydemeton-Methyl	0.1			
Oxyfluorfen	0.1			
Paclobutrazol	0.1			
Paraoxon-ethyl	0.1			
Paraoxon-methyl	0.1			
Parathion-methyl	0.1			
Penconazole	0.1			
Pendimethalin	0.1			
Penflufen	0.1			
Penthiopyrad	0.1			
Permethrin	0.1			
Perthane Phenmedipham	0.1			

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Analyte	LOQ (mg/kg)				
Phenothrin	0.1				
Phenthoate	0.1				
Phorate	0.1				
Phorate-Sulfone	0.1				
Phorate-Sulfoxide	0.1				
Phosalone	0.1				
Phosmet	0.1				
Phosphamidon	0.1				
Phoxim	0.1				
Pinoxaden	0.1				
Piperonyl Butoxide	0.1				
Pirimicarb	0.1				
Pirimiphos-ethyl	0.1				
Pirimiphos-methyl	0.1				
Prallethrin	0.1				
Prochloraz	0.1				
Procymidone	0.1				
Profenofos	0.1				
Promecarb	0.1				
Prometon	0.1				
Prometryn	0.1				
Propachlor	0.1				
Propamocarb	0.1				
Propanil	0.1				
Propazine	0.1				
Propetamophos	0.1				
Propham	0.1				
Propiconazole	0.1				
Propoxur	0.1				
Propyzamide	0.1				
Prothiofos	0.1				
Pyraclostrobin	0.1				
Pyraflufen Ethyl	0.1				
Pyrazophos	0.1				
Pyrethrin	0.1				
Pyridaben	0.1				
Pyrimethanil	0.1				
Pyriproxifen	0.1				
Pyroxasulfone	0.1				
Pyroxsulam	0.1				
Quinalphos	0.1				
Quinclorac	0.1				
Quinoxyfen	0.1				
Quintozene(PCNB)	0.2				
Quizalofop	0.1				
Resmethrin	0.1				
Rotenone	0.1				

Updated: 09.12.2022

LOQ= Limit of Quantitation mg/kg= milligram per kilogram (ppm)

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Tester except on the tester of the samples are consented of this laboratory.





Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

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P2320 Multi-Residue Pesticide Profile Cannabis

Analyte	LOQ (mg/kg)
Sebuthylazin	0.1
Sethoxydim	0.1
Simazine	0.1
Simetryn	0.1
Spinetoram J/L	0.1
Spinosyn A/D	0.1
Spirodiclofen	0.1
Spiromesifen	0.1
Spirotetramat	0.1
Spiroxamine	0.1
Sulfentrazone	0.1
Sulfotep	0.1
Sulfoxaflor	0.1
Sulprofos	0.1
Tebuconazole	0.1
Tebufenozide	0.1
Terbufos	0.1
Terbuthylazine	0.1
Terbutryn	0.1
Tetrachlorvinphos	0.1
Tetraconazole	0.1
Tetramethrin	0.1
Thiabendazol	0.1
Thiabendazol-5-hydroxy	0.1
Thiacloprid	0.1
Thiamethoxam	0.1
Thiobencarb	0.1
Thiodicarb	0.1
Thiometon	0.1
Thiophanate-methyl	0.2
Tolfenpyrad	0.1
Tolylfluanid	0.1
Triadimefon	0.1
Triadimenol	0.1
Triazophos	0.1
Trifloxystrobin	0.1
Triflumizole	0.1
Triticonazole	0.1
Zoxamid	0.1

LOQ= Limit of Quantitation mg/kg= milligram per kilogram (ppm)

Updated: 09.12.2022

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





Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

olumbia ABORATORIES s A Hermonia Company

# Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Revision: 4.00 Controlit: OF025 Rev 00/24/2021 Eff: 03/04/2021 ORELAPID: OR10023

000000000000000000000000000000000000000						. 1	<b>scalys</b>	is Req	Lette	d					O Mambers	
Company: The Hemp Collect Contact: Kyle@thehempor Street: 431 NW Handers S Cky. Portland Isole: © Enail Results: dropbox (IH Ph: (b1) bUB1b4 □ Feilleath Billing (If different): [Dell@thehe	01600.00 t <u>UF</u> Bp 10) = (1	97209	- OR 59 comparada	sticide Multi-Nesidue - 375 compounds		ddiupt Solverds	obstann & Walden Activity		ficro: Yosof and MeM	crec 6.00% and Total Dolifums	sals	E		Projec Pro Custom I Report 1	a Number sect Nerre: teporting: o State - [] Ati o Stat	TRC or  Other: Dissiners Day Standord Turnansand Businers Day Rish Turnansand* Businers Day Rish Turnansand* Check for mediliability
Lab D Cient Sample Identification	Care	Time	Perticides	1.2	Vatericy	- A-	Moleture	Tupperet	Microc Yo	Micros C.	Heavy Netals	Mysuitaers	Dther	Sample Type 1	Weight (Units)	Comments/Weins 10
1 01LIR209_LB				x	x	X					x			0		
2 01LIR209_KC				x	x	x				-	х			C	1 <u>.</u>	
3 01LIR209_FV				x	x	X					×			C		
4 01LIR209_WW				ж	x	x					×			C		
5 01LIR209_98				х.	х	x		-			х			C		
8 01LIR209_BO	-	-		x	x	x					x	-		C		
7 01LIR209_LT	-	-	$\vdash$	x	x	x	-		-	-	x		-	C	1	
8 01LIR209_RC	-	-	$\vdash$	x	x	x	-	-	-	-	x	-	-	Ċ		
9 01LIR209_PJ		-	+	x	x	x	-	-	-	-	x	-	-	C		
10 01LIR209_CJ	-	-		x	x	x			-	-	x			C		
Relegation by:	Date	Tirse		12	20	herest	By:	-		p	100	TP	na.			Lab Une Only:
Kyle Farook	1/17	11:00 4		2	$\supset$	12	-			1-17	2.13	11	0			w D Clerr drup w   D Ro - Temp (PC): 2 + 3
132	1.17	1337	>		128	35				\$07	123	191	6	Sample in	pool conditio	a: [] Yes] [] No [] [] Net:

+ - Sample Type Codes: Vegetation (V) ; isolates (S) ; Estimati/Concentrate (C); Techare/Topical (T); Edible (E); Beverage (B)

whe was a sum down with the corrections of service associated with the COC. By April ("Adiopothed by" you are opticing to down service orgity interactive Calantics Automatics with timing requirements carations saving A: (NOR) 254-2794 7 Hox: (NOR) 252-3452

12422 W Whiteler Way Authority OM 87280

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Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

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#### Hemp / Cannabis Usable / Extract / Finished Products Chain of Custody Record

Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 05/04/2021

CRELAPID: OR100028

-		1.00					A	inalysi	is Reg	ueste	đ					0 Number:	
2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The Hemp Collect Contact: Kyleis/thehempox 431 NW Flanders s we Portland Sealer Bernall Results: dropbox (IH c {61 } 505154 ] Fx Result ing (f different)_joel/is/thehe	t. <u>OF</u> zer HC)	97209	elsefen – OI 59 comparede	#ore Mails Residue - 379 compounds		adust Solverta	Noissure & Water Activity		Acros Yearst and Mode	Auro: E.Coli and Total Gelfbern	ash.			Projec Pro Cuttorn P Report to	T Noreber: lect Name: sporting: state - [] M nd time: @ 5 ] 3 ] 3 ] 7	
tab ID		Dete	Tirret	Periode	Preside	Potency	Feetbark	Moisture	Terperne	Micros VI	Moru: E.	Meany Matah	Mycotophie	Officer	Semple Type #	Weight (LAVIS)	Comments/Wetro (D
	01LIR209_Shaolin			-	-	121	x		_	_	_	×	_		C		
			-		x	x	-		_		_		-		c		-
	01LIR209_Japhy				×	×	×					x			7.5		
	01LIR209_PP				x	x	x					х			C		
5	01LIR209_MT				×	x	×					×			C		
6	01LIR209_PK		S		x	x	x					x			C	1000	
7	01LIR209_SP				x	x	x					x			C		1
8	01LIR209_Sour G				x	x	x					x			C		
9	01LIR209_FG			T	×	x	x		-		-	x			C		
10	01LIR209_RGSP	-			x	x	x				-	x			C		
	Reliegabil ed By:	Case	Time		2	- 8	and the second	Ry:	-		D	at ar	Te	TRAL .	-		Lab Use Only:
Ку	le Farcok	1/17	11:00 /		1	3	2				1+1	7.15	11	a j			tes   D No - Temp (*C) _ Z o. +
_	120-	107	1335		12	32	6				011	1/13	IH)	4	Sample in Certi (	good condition	ce: Cl Nini; Cl Nin CC   Cl Nini:

+ - Sample Type Codec: Vagetation (V) ; holatin (5) ; totract/Concentrate (C); Tincture/Topical (1); Edible (C); Beverage (8)

ender services to econdater with the current toward service associated with this COC. To signing: "Admonstracity" year or synologic data: termiamples a devoted to Columbus Laboratories with a range reparationers constrate on open 13423 Mi Whiteler Wee P. (503) 254-1784 | Jac. (503) 254-1452

Portland, OR 97233

info@eoluenikistakuralus les.com

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Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

olumbia BORATORIES A Texasian Company

# Hemp / Cannabis Usable / Extract / Finished Products

**Chain of Custody Record** 

Revision: 4.00 Control®: CF025 Rev 02/24/2021 Eff: 03/04/2021 OFFELAPID: ORD0028

1121028060-0114628	200					. 1	<b>L</b> eadys	is flee	ue the	d	111			P	0 Number:	
Corquin: The Hemp Collect Contact: Rytets/thehempoor Street: 431 NW Flanders & Chy: Portland State: Benail Results: dropbox (H- rhs (61) 608164 Fr Result Illing (FdReset): joel 8/thehem	NIECLCO L ()F Jape K()	ле <mark>97209</mark>		Muto-Residue - 379 compounds		oldual Solverts	sture & water Acthere		Bertic Veest and Mold	ons E.Def and Tetal Colifors	Deli anti Tetal Coliforni este	2		Project Namber: Project Name: Costern Reporting: Report to State - C METRC or C Other Tarnaroand time: 2 Subsect Day Standard Turnaroand 3 Business Day Rich Turnaroand* Cheel Are ovailability Sampled for:		
Lab ID Gient Sample Identification 1 01LIR209_TK	Oute	Time	Particides	K Perticide I	× Potency	Festival	Moldure	largenter 1	Micros Vi	MICHOL C.	M Hawky Mercula	Mycotasies	Uther	Semple Type It	weght (Units)	Comments/Webre (D
2 01LIR209_STs	-	-	H	x	×	X	-	-	-	-	X	-	-	C		
3 01LIR209 CS	-	-		x	x	x	-	-	-	-	X	-	-	č		
4 01LIR209 PB	-	-		x	×	x	-	-	-	-	X	-	-	c		
5																
8		-			-	-	-									
10	-			$\square$		1										
Helinquished lity:	Dele	Time		1	20	AND NO.	By	-		0	906	T	me.			Leb the Unly:
2		11:00 /	-	2		5-	-			1.5223 1110			_	tvidence	of cooling: [] Vi	ar [] Client drop () [] No - Temp (*C);2 / j
122	1.17	1336			25	5	_	-	-	01	(P	141	6	C Celt [		: () Net) () No

1 - Samule Type Codes: Vegetation (V) ; instates (S) ; Extract/Concentrate (C) ; Tincharu/Topical (T) ; Edible (E) ; Deverage (S)

war courter in the Raphi admittate Columbia Inde is soft assess requi we for active to accordance with the current table of consist excellent with the COC. By upping "Acheptoher by" or ory spreke is fictrary P. (300) 254-1264 ( Fox (300) 254-1452

12425 Att Hiteliter Way Personal, OK 622281

Info@columbid.com/ks.com

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Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

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

J AOAC 2015 V98				Batch ID: 2300599								
Laboratory Control Sample												
Analyte	LCS	Result	Spike	Units	% Rec		Limits		Evaluation	Notes		
CBDVA	2	0.104	0.100	%	104	80.0	-	120	Acceptable			
CBDV	2	0.110	0.106	%	104	80.0	-	120	Acceptable			
CBE	2	0.108	0.105	%	103	80.0	-	120	Acceptable			
CBDA	1	0.0963	0.096	%	100	90.0	-	110	Acceptable			
CBGA	1	0.0966	0.096	%	100	80.0	-	120	Acceptable			
CBG	1	0.100	0.099	%	102	80.0	-	120	Acceptable			
CBD	1	0.0970	0.097	%	99.7	90.0	-	110	Acceptable			
THCV	2	0.108	0.106	%	102	80.0	-	120	Acceptable			
18THCV	2	0.109	0.103	%	106	80.0	-	120	Acceptable			
THCVA	2	0.103	0.099	%	104	80.0	-	120	Acceptable			
CBN	1	0.103	0.102	%	101	80.0	-	120	Acceptable			
exo-THC	2	0.101	0.097	%	104	80.0	-	120	Acceptable			
19THC	1	0.112	0.105	%	107	90.0	-	110	Acceptable			
d8THC	1	0.0963	0.100	%	95.8	90.0	-	110	Acceptable			
CBL	2	0.109	0.104	%	105	80.0	-	120	Acceptable			
10THC	1	0.0474	0.047	%	100	80.0	-	120	Acceptable			
CBC	2	0.107	0.104	%	103	80.0	-	120	Acceptable			
ГНСА	1	0.0946	0.095	%	99.6	90.0	-	110	Acceptable			
CBCA	2	0.105	0.103	%	102	80.0	-	120	Acceptable			
CBLA	2	0.109	0.105	%	104	80.0	-	120	Acceptable			
CBT	2	0.110	0.105	%	104	80.0	-	120	Acceptable			
Method Blank												
Analyte		esult	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			
18THC		LOQ	0.077		%		0.077		Acceptable			
CBL		LOQ	0.077		%		0.077		Acceptable			
110THC		LOQ	0.077		%		0.077		Acceptable			
CBC		LOQ	0.077		%		0.077		Acceptable			
ГНСА		LOQ	0.077		%		0.077		Acceptable			
CBCA		LOQ	0.077		%		0.077		Acceptable			
							0.077		Acceptable			
CBLA CBT		LOQ LOQ	0.077		%		0.077		Acceptable			

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

Units of Measure: % - Percent





Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

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

			La	boratory	Quality Cont	rol Results			
J AOAC 2015 V98-6					Bat	ch ID: 2300599			
Sample Duplicate	Sample ID: 23-000690-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes	
CBDVA	0.234	0.234	0.077	%	0.0872	< 20	Acceptable		
CBDV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
CBE	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
CBDA	54.6	54.7	0.077	%	0.322	< 20	Acceptable		
CBGA	1.61	1.61	0.077	%	0.0614	< 20	Acceptable		
CBG	0.100	0.102	0.077	%	1.57	< 20	Acceptable		
CBD	0.888	0.922	0.077	%	3.66	< 20	Acceptable		
THCV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
d8THCV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
THCVA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
CBN	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
exo-THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
d9THC	0.263	0.260	0.077	%	1.28	< 20	Acceptable		
d8THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
CBL	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
d10THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
CBC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
THCA	3.97	3.97	0.077	%	0.128	< 20	Acceptable		
CBCA	2.66	2.63	0.077	%	1.28	< 20	Acceptable		
CBLA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		
CBT	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable		

ND - None Detected at or above MRL RPD - Relative Percent Difference

LOQ - Limit of Quantitation

Units of Measure:

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<u>www.columbialaboratories.com</u> Page 12 of 16
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
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prior arrangements have been made.
Tester exception with 0.1 the exception of the samples are received by the laboratory.





Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

Revision: 2 Document ID: 7087 Legacy ID: CFL-E33Effective:

	La	borator	y Quali	ty Contro	ol Results			Loguoy II		JJLIIEGIIVE.
Residual Solvents						Bat	tch ID:	2300691		
Method Blank					Laborator	y Control S	ample			
Analyte	Result		LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	<	200		547	572	μg/g	95.6 6	0 - 120	1
Isobutane	ND	<	200		701	731	μg/g	95.9 6	0 - 120	
Butane	ND	<	200		678	731	μg/g	92.7 6	0 - 120	
2,2-Dimethylpropane	ND	<	200		893	936	µg/g	95.4 6	0 - 120	
Methanol	ND	<	200		1580	1620	μg/g	97.5 6	0 - 120	
Ethylene Oxide	ND	<	30		55	56.2	μg/g	97.9 6	0 - 120	
2-Methylbutane	ND	<	200		1520	1610	μg/g	94.4 6	0 - 120	
Pentane	ND	<	200		1520	1600	μg/g	95.0 6	0 - 120	1
Ethanol	ND	<	200		1610	1610	µg/g		0 - 130	1
Ethyl Ether	ND	<	200		1560	1630	μg/g	95.7 6	0 - 120	
2,2-Dimethylbutane	ND	<	30		164	171	μg/g	95.9 6	0 - 120	
Acetone	ND	<	200		1560	1630	μg/g	95.7 6	0 - 120	
2-Propanol	ND	<	200		1670	1620	μg/g	103.1 6	0 - 120	
Acetonitrile	ND	<	100		475	498	μg/g	95.4 6	0 - 120	
2,3-Dimethylbutane	ND	<	30		160	171	μg/g	93.6 6	0 - 120	
Dichloromethane	ND	<	60		476	483	μg/g	98.6	0 - 120	
2-Methylpentane	ND	<	30		161	168	μg/g	95.8 6	0 - 120	
3-Methylpentane	ND	<	30		146	167	μg/g	87.4 6	0 - 120	
Hexane	ND	<	30		208	182	μg/g	114.3 6	0 - 120	
Ethyl acetate	ND	<	200		1570	1610	μg/g	97.5 6	0 - 120	
2-Butanol	ND	<	200		1660	1600	µg/g	103.8 6	0 - 120	
Tetrahydrofuran	ND	<	100		474	483	μg/g	98.1 6	0 - 120	
Cyclohexane	ND	<	200		1540	1610	μg/g	95.7 6	0 - 120	
Benzene	ND	<	1		5.3	5.02	μg/g	105.6 6	0 - 120	
Isopropyl Acetate	ND	<	200		1670	1620	µg/g	103.1 6	0 - 120	
Heptane	ND	<	200		1500	1610	µg/g	93.2 6	0 - 120	
1,4-Dioxane	ND	<	100		475	491	μg/g	96.7 6	0 - 120	1
2-Ethoxyethanol	ND	<	30		316	181	μg/g	174.6	0 - 120	Q1
Ethylene Glycol	ND	<	200		698	484	μg/g	144.2 6	0 - 120	Q1
Toluene	ND	<	100		465	485	µg/g	95.9	0 - 120	
Ethylbenzene	ND	<	200		911	969	µg/g	94.0 6	0 - 120	1
m,p-Xylene	ND	<	200		915	994	μg/g	92.1 6	0 - 120	1
o-Xylene	ND	<	200		901	967	µg/g	93.2 6	0 - 120	1
Cumene	ND	<	30		161	171	µg/g	94.2 6	0 - 120	1

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





Revision: 2 Document ID: 7087

Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

							Legacy ID	: CFL-E33Effective:
QC - Sample Duplicate			: 23-000690-0005					
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	1250	1160	200	µg/g	7.5	< 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	100	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	

Abbreviations

ND - None Detected at or above MRL RPD - Relative Percent Difference

Units of Measure:

µg/g- Microgram per gram or ppm

LOQ - Limit of Quantitation

Q1 - Quality control result biased high. Only non-detect samples reported.

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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Test results results are used to the samples are used to the samples are used to the samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.





Report Number:	23-000690/D022.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16



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 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

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





23-000690/D022.R000 **Report Number: Report Date:** 01/24/2023 **ORELAP#:** OR100028 **Purchase Order: Received:** 01/17/23 14:16

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.
В	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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 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

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