Columbia LABORATORIES
A Tentamus Company

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

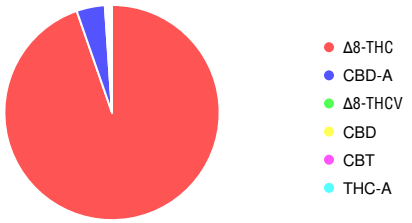
Report Number: 22-013731/D002.R000
Report Date: 11/15/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/08/22 12:38

Customer: IHC LLC
Product identity: 0103LIRDST200_SSC
Client/Metrc ID: .
Laboratory ID: 22-013731-0001

Summary

Potency:

Analyte	Result (%)
Δ8-THC	80.7
CBD-A	3.62
Δ8-THCV	0.270
CBD	0.253
CBT	0.219
THC-A	0.167



CBD-Total	3.43%
THC-Total	0.147%

(Reported in percent of total sample)

Testing in accordance with: OAR 333-007-0430

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Report Date: 11/15/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/08/22 12:38

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

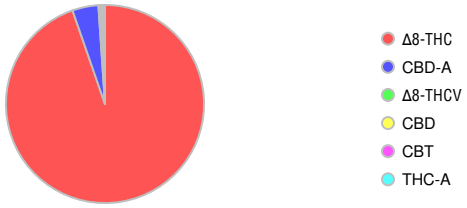
Product identity: 0103LIRDST200_SSC
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-013731-0001
Evidence of Cooling: No
Temp: 6.9
Relinquished by: hinton

THE HEMP COLLECT

Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)[b] **Units** % **Batch:** 2209668 **Analyze:** 11/10/22 12:56:00 A

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0737	
CBC-A	< LOQ		0.0737	
CBC-Total	< LOQ		0.138	
CBD	0.253		0.0737	
CBD-A	3.62		0.0737	
CBD-Total	3.43		0.138	
CBDV	< LOQ		0.0737	
CBDV-A	< LOQ		0.0737	
CBDV-Total	< LOQ		0.138	
CBE	< LOQ		0.0737	
CBG	< LOQ		0.0737	
CBG-A	< LOQ		0.0737	
CBG-Total	< LOQ		0.138	
CBL	< LOQ		0.0737	
CBL-A	< LOQ		0.0737	
CBL-Total	< LOQ		0.138	
CBN	< LOQ		0.0737	
CBT	0.219		0.0737	
Δ10-THC	< LOQ		0.0737	
Δ8-THC	80.7		0.737	
Δ8-THCV	0.270		0.0737	
Δ9-THC	< LOQ		0.0737	
exo-THC	< LOQ		0.0737	
THC-A	0.167		0.0737	
THC-Total	0.147		0.138	
THCV	< LOQ		0.0737	
THCV-A	< LOQ		0.0737	
THCV-Total	< LOQ		0.138	
Total Cannabinoids	85.2			



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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.

þ = ISO/IEC 17025:2017 accredited method.

Units of Measure

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

Testing in accordance with: OAR 333-007-0430

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Received: 11/08/22 12:38

Hemp / Cannabis Usable / Extract / Finished Product
Chain of Custody Record

Revision: 4.00 Control#: CF82; Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028

22-013731

Company: The Hemp Collect
Contact: kyle@thehempcollect.com
Street: 431 NW Flanders st
City: Portland State: OR Zip: 97209
☑ Email Results: dropbox (IHL)
Ph: (61) 608164 ☐ Fx Results: ( )
Billing (if different): joel@thehempcollect.com

PO Number:
Project Number:
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	Pesticides – OR 59 compounds	Pesticide Multi-Residue – 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other:	Sample Type 1	Weight (Units)	Comments/Metrc ID
1	0103LIRDST200_SSC					x									C		
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Relinquished By	Date	Time	Received By	Date	Time
Kyle Farook	11/8	12:00 P	MRU	11/8	12:04
MRU	11/8	12:24	RBS	11/8/22	12:38

Lab Use Only:
☐ Shipped Via: ______ or ☐ Client drop
Evidence of cooling: ☐ Yes | ☐ No - Temp (°C): 6.9
Sample in good condition: ☐ Yes | ☐ No
☐ Cash | ☐ Check | ☐ CC | ☐ Net:
Prelog storage:

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

12423 NE Whitaker Way
Portland, OR 97230
P: (503) 254-1794 | Fax: (503) 254-1452
Page ___ of ___

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Report Date: 11/15/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/08/22 12:38

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

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2209668

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.110	0.101	%	109	80.0 - 120	Acceptable	
CBDV	2	0.118	0.110	%	108	80.0 - 120	Acceptable	
CBE	2	0.111	0.102	%	109	80.0 - 120	Acceptable	
CBDA	1	0.0952	0.096	%	98.8	90.0 - 110	Acceptable	
CBGA	1	0.0944	0.095	%	99.1	80.0 - 120	Acceptable	
CBG	1	0.101	0.101	%	99.6	80.0 - 120	Acceptable	
CBD	1	0.0972	0.099	%	98.6	90.0 - 110	Acceptable	
THCV	2	0.114	0.106	%	108	80.0 - 120	Acceptable	
d8THCV	2	0.115	0.106	%	109	80.0 - 120	Acceptable	
THCVA	2	0.108	0.099	%	109	80.0 - 120	Acceptable	
CBN	1	0.105	0.104	%	100	90.0 - 110	Acceptable	
exo-THC	2	0.112	0.103	%	108	80.0 - 120	Acceptable	
d9THC	1	0.104	0.102	%	101	90.0 - 110	Acceptable	
d8THC	1	0.103	0.104	%	98.7	90.0 - 110	Acceptable	
CBL	2	0.109	0.097	%	112	80.0 - 120	Acceptable	
d10THC	1	0.0915	0.091	%	100	80.0 - 120	Acceptable	
CBC	2	0.117	0.107	%	108	80.0 - 120	Acceptable	
THCA	1	0.0959	0.097	%	99.3	90.0 - 110	Acceptable	
CBCA	2	0.111	0.103	%	108	80.0 - 120	Acceptable	
CBLA	2	0.113	0.105	%	108	80.0 - 120	Acceptable	
CBT	2	0.117	0.108	%	109	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	
d10THC	<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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Purchase Order:
Received: 11/08/22 12:38

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

Laboratory Quality Control Results

JAOAC2015 V98 6 — Batch ID: 2209668
Sample Duplicate — Sample ID: 22-0097500004

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	0.396	0.419	0.077	%	5.74	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDA	73.8	74.1	0.077	%	0.438	< 20	Acceptable	
CBGA	0.413	0.413	0.077	%	0.0001	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBD	5.78	6.00	0.077	%	3.72	< 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	
d10THC	<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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Received: 11/08/22 12:38

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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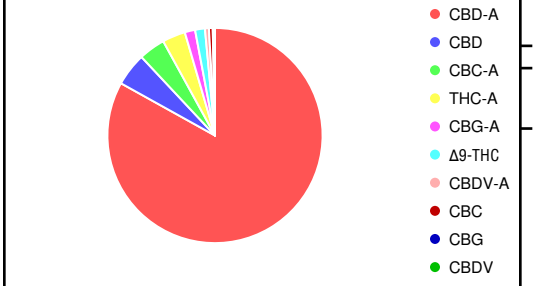
Report Number: 22-012621/D002.R000
Report Date: 10/25/2022
ORELAP#: OR100028
Purchase Order:
Received: 10/18/22 14:20

Customer: IHC LLC
Product identity: 01LIR209_SSC
Client/Metrc ID: .
Laboratory ID: 22-012621-0001

Summary

Potency:

Analyte	Result (%)
CBD-A	60.2
CBD	3.59
CBC-A	2.89
THC-A	2.51
CBG-A	1.13
Δ9-THC	1.07
CBDV-A	0.429
CBC	0.411
CBG	0.168
CBDV	0.0756



CBD-Total 56.4%

THC-Total 3.27%

(Reported in percent of total sample)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
ß-Myrcene	2.43	30.68%	ß-Caryophyllene	1.27	16.04%
Terpinolene	0.902	11.39%	Humulene	0.699	8.83%
a-pinene	0.557	7.03%	(R)-(+)-Limonene	0.508	6.41%
a-Bisabolol	0.342	4.32%	(-)-ß-Pinene	0.230	2.90%
(-)-Guaiol	0.227	2.87%	trans-ß-Ocimene	0.199	2.51%
Linalool	0.156	1.97%	(-)-caryophyllene oxide	0.0991	1.25%
(-)-a-Terpineol	0.0748	0.94%	(+)-fenchol	0.0578	0.73%
a-phellandrene	0.0477	0.60%	a-Terpinene	0.0364	0.46%
gamma-Terpinene	0.0269	0.34%	(+)-Borneol	0.0249	0.31%
d-3-Carene	0.0241	0.30%	cis-ß-Ocimene	0.0109	0.14%
Total Terpenes	**7.92**	**100.00%**			

Metals:

Less than LOQ for all analytes.

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

Product identity: 01LIR209_SSC
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-012621-0001
Evidence of Cooling: No
Temp: 12.3 °C
Relinquished by: Ramos

THE HEMP COLLECT

Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)[b] **Units** % **Batch:** 2208955 **Analyze:** 10/19/22 10:44:00 P

Analyte	As Received	Dry weight	LOQ	Notes
CBC	0.411		0.0755	
CBC-A	2.89		0.0755	
CBC-Total	2.95		0.142	
CBD	3.59		0.0755	
CBD-A	60.2		0.755	
CBD-Total	56.4		0.738	
CBDV	0.0756		0.0755	
CBDV-A	0.429		0.0755	
CBDV-Total	0.447		0.141	
CBE	< LOQ		0.0755	
CBG	0.168		0.0755	
CBG-A	1.13		0.0755	
CBG-Total	1.16		0.141	
CBL	< LOQ		0.0755	
CBL-A	< LOQ		0.0755	
CBL-Total	< LOQ		0.142	
CBN	< LOQ		0.0755	
CBT	< LOQ		0.0755	
Δ10-THC	< LOQ		0.0755	
Δ8-THC	< LOQ		0.0755	
Δ8-THCV	< LOQ		0.0755	
Δ9-THC	1.07		0.0755	
exo-THC	< LOQ		0.0755	
THC-A	2.51		0.0755	
THC-Total	3.27		0.142	
THCV	< LOQ		0.0755	
THCV-A	< LOQ		0.0755	
THCV-Total	< LOQ		0.141	
Total Cannabinoids	72.5			

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Solvents **Method:** Residual Solvents by GC/MS^{b} **Units** µg/g **Batch** 2209018 **Analyze** 10/21/22 11:10 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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Pesticides **Method:** AOAC 2007.01 & EN 15662 (mod)þ **Units** mg/kg **Batch** 2208988 **Analyze** 10/21/22 08:26 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin¥	< LOQ	0.50	0.250	pass		Acephate¥	< LOQ	0.40	0.250	pass	
Acequinocyl¥	< LOQ	2.0	1.00	pass		Acetamiprid¥	< LOQ	0.20	0.100	pass	
Aldicarb¥	< LOQ	0.40	0.200	pass		Azoxystrobin¥	< LOQ	0.20	0.100	pass	
Bifenazate¥	< LOQ	0.20	0.100	pass		Bifenthrin¥	< LOQ	0.20	0.100	pass	
Boscalid¥	< LOQ	0.40	0.200	pass		Carbaryl¥	< LOQ	0.20	0.100	pass	
Carbofuran¥	< LOQ	0.20	0.100	pass		Chlorantraniliprole¥	< LOQ	0.20	0.100	pass	
Chlorfenapyr¥	< LOQ	1.0	0.500	pass		Chlorpyrifos¥	< LOQ	0.20	0.100	pass	
Clofentezine¥	< LOQ	0.20	0.100	pass		Cyfluthrin¥	< LOQ	1.0	0.500	pass	
Cypermethrin¥	< LOQ	1.0	0.500	pass		Daminozide¥	< LOQ	1.0	0.500	pass	
Diazinon¥	< LOQ	0.20	0.100	pass		Dichlorvos¥	< LOQ	1.0	0.500	pass	
Dimethoate¥	< LOQ	0.20	0.100	pass		Ethoprophos¥	< LOQ	0.20	0.100	pass	
Etofenprox¥	< LOQ	0.40	0.200	pass		Etoxazole¥	< LOQ	0.20	0.100	pass	
Fenoxycarb¥	< LOQ	0.20	0.100	pass		Fenpyroximate¥	< LOQ	0.40	0.200	pass	
Fipronil¥	< LOQ	0.40	0.200	pass		Flonicamid¥	< LOQ	1.0	0.400	pass	
Fludioxonil¥	< LOQ	0.40	0.200	pass		Hexythiazox¥	< LOQ	1.0	0.400	pass	
Imazalil¥	< LOQ	0.20	0.100	pass		Imidacloprid¥	< LOQ	0.40	0.200	pass	
Kresoxim-methyl¥	< LOQ	0.40	0.200	pass		Malathion¥	< LOQ	0.20	0.100	pass	
Metalaxyl¥	< LOQ	0.20	0.100	pass		Methiocarb¥	< LOQ	0.20	0.100	pass	
Methomyl¥	< LOQ	0.40	0.200	pass		MGK-264¥	< LOQ	0.20	0.100	pass	
Myclobutanil¥	< LOQ	0.20	0.100	pass		Naled¥	< LOQ	0.50	0.250	pass	
Oxamyl¥	< LOQ	1.0	0.500	pass		Paclobutrazole¥	< LOQ	0.40	0.200	pass	
Parathion-Methyl¥	< LOQ	0.20	0.200	pass		Permethrin¥	< LOQ	0.20	0.100	pass	
Phosmet¥	< LOQ	0.20	0.100	pass		Piperonyl butoxide¥	< LOQ	2.0	1.00	pass	
Prallethrin¥	< LOQ	0.20	0.200	pass		Propiconazole¥	< LOQ	0.40	0.200	pass	
Propoxur¥	< LOQ	0.20	0.100	pass		Pyrethrin I (total)¥	< LOQ	1.0	0.500	pass	
Pyridaben¥	< LOQ	0.20	0.100	pass		Spinosad¥	< LOQ	0.20	0.100	pass	
Spiromesifen¥	< LOQ	0.20	0.100	pass		Spirotetramat¥	< LOQ	0.20	0.100	pass	
Spiroxamine¥	< LOQ	0.40	0.200	pass		Tebuconazole¥	< LOQ	0.40	0.200	pass	
Thiacloprid¥	< LOQ	0.20	0.100	pass		Thiamethoxam¥	< LOQ	0.20	0.100	pass	
Trifloxystrobin¥	< LOQ	0.20	0.100	pass							

Columbia LABORATORIES
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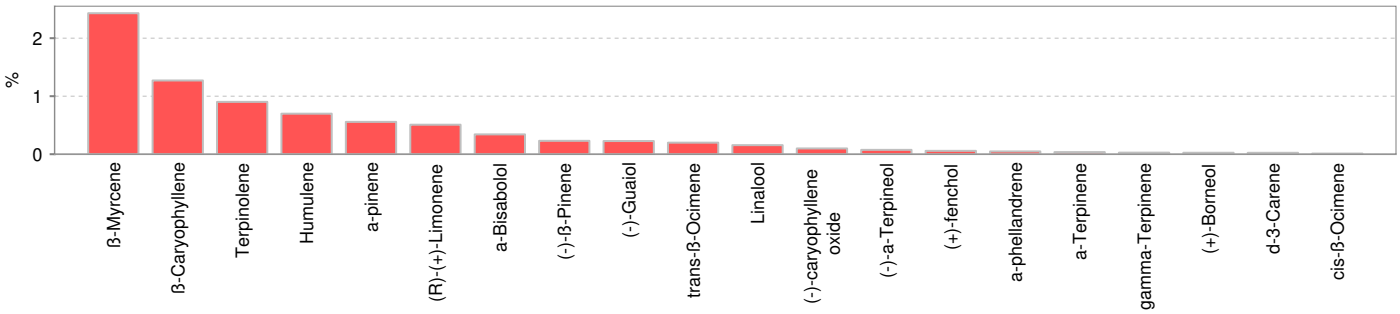
503-254-1794

Report Number: 22-012621/D002.R000
Report Date: 10/25/2022
ORELAP#: OR100028
Purchase Order:
Received: 10/18/22 14:20

Terpenes

Method: J AOAC 2015 V98-6 **Units** % **Batch** 2209027 **Analyze** 10/20/22 10:14 PM

Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
ß-Myrcene	2.43	0.018	30.68%		ß-Caryophyllene	1.27	0.018	16.04%	
Terpinolene	0.902	0.018	11.389%		Humulene	0.699	0.018	8.826%	
a-pinene	0.557	0.018	7.033%		(R)-(+)-Limonene	0.508	0.018	6.414%	
a-Bisabolol	0.342	0.018	4.318%		(-)-ß-Pinene	0.230	0.018	2.904%	
(-)-Guaiol	0.227	0.018	2.866%		trans-ß-Ocimene	0.199	0.012	2.513%	
Linalool	0.156	0.018	1.970%		(-)-caryophyllene oxide	0.0991	0.018	1.2513%	
(-)-a-Terpineol	0.0748	0.018	0.9444%		(+)-fenchol	0.0578	0.018	0.7298%	
a-phellandrene	0.0477	0.018	0.6023%		a-Terpinene	0.0364	0.018	0.4596%	
gamma-Terpinene	0.0269	0.018	0.3396%		(+)-Borneol	0.0249	0.018	0.3144%	
d-3-Carene	0.0241	0.018	0.3043%		p-Cymene	< LOQ	0.018	0.00%	
Camphene	< LOQ	0.018	0.00%		(±)-fenchone	< LOQ	0.018	0.00%	
cis-ß-Ocimene	0.0109	0.006	0.1376%		Geraniol	< LOQ	0.018	0.00%	
Sabinene hydrate	< LOQ	0.018	0.00%		Sabinene	< LOQ	0.018	0.00%	
(±)-Camphor	< LOQ	0.018	0.00%		Eucalyptol	< LOQ	0.018	0.00%	
(-)-Isopulegol	< LOQ	0.018	0.00%		(+)-Pulegone	< LOQ	0.018	0.00%	
Isoborneol	< LOQ	0.018	0.00%		(+)-Cedrol	< LOQ	0.018	0.00%	
(±)-cis-Nerolidol	< LOQ	0.018	0.00%		(±)-trans-Nerolidol	< LOQ	0.018	0.00%	
a-cedrene	< LOQ	0.018	0.00%		farnesene	< LOQ	0.018	0.00%	
Geranyl acetate	< LOQ	0.018	0.00%		Menthol	< LOQ	0.018	0.00%	
nerol	< LOQ	0.018	0.00%		valencene	< LOQ	0.018	0.00%	
Total Terpenes	**7.92**								



Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0852	2209005	10/20/22	AOAC 2013.06 (mod.)þ	pass	
Cadmium	< LOQ	0.200	mg/kg	0.0852	2209005	10/20/22	AOAC 2013.06 (mod.)þ	pass	
Lead	< LOQ	0.500	mg/kg	0.0852	2209005	10/20/22	AOAC 2013.06 (mod.)þ	pass	
Mercury	< LOQ	0.100	mg/kg	0.0426	2209005	10/20/22	AOAC 2013.06 (mod.)þ	pass	

Columbia LABORATORIES
A Tentamus Company

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

Report Number:	22-012621/D002.R000
Report Date:	10/25/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	10/18/22 14:20

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.

ᵇ = ISO/IEC 17025:2017 accredited method.
¥ = TNI accredited analyte.

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

Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
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Columbia LABORATORIES

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

Revision: 4.00 Consolid: CF023 Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028

Company: The Hemp Collect
Contact: kyle@thehempcollect.com
Street: 431 NW Flanders st
City: Portland State: OR Zip: 97209
Email Results: dropbox (IHC)
Ph: (971) 600 1647 Fx Results: (___)
Billing (if different): joel@thehempcollect.com

PO Number:
Project Number:
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	Pesticides – OR 59 compounds	Pesticide Multi Residue – 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other:	Sample Type *	Weight (units)	Comments/Matrix ID
1	01LIR209_SSC			X		X	X		X			X			C		
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Relinquished By:	Date	Time	Received By:	Date	Time
Kyle Farook	10/18	12:00 P		10-18-22	1737
	10.18.22	1538		10/18	14:00

Lab Use Only:
☐ Shipped Via: _____ or ☐ Client drop
Evidence of cooling: ☐ Yes | ☐ No - Temp (°C): 12.3
Sample in good condition: ☐ Yes | ☐ No
☐ Cash | ☐ Check | ☐ CC | ☐ Net:
Prolog storage: _____

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

Whitaker Way
OR 97230
P: (503) 254-1794 | Fax: (503) 254-1452

Page ____ of ____

Columbia LABORATORIES
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Report Number: 22-012621/D002.R000
Report Date: 10/25/2022
ORELAP#: OR100028
Purchase Order:
Received: 10/18/22 14:20

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2208955**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.102	0.101	%	101	80.0 - 120	Acceptable	
CBDV	2	0.111	0.110	%	101	80.0 - 120	Acceptable	
CBE	2	0.104	0.102	%	102	80.0 - 120	Acceptable	
CBDA	1	0.0989	0.100	%	98.5	90.0 - 110	Acceptable	
CBGA	1	0.0996	0.101	%	99.0	80.0 - 120	Acceptable	
CBG	1	0.104	0.103	%	101	80.0 - 120	Acceptable	
CBD	1	0.104	0.103	%	101	90.0 - 110	Acceptable	
THCV	2	0.106	0.106	%	100	80.0 - 120	Acceptable	
d8THCV	2	0.108	0.106	%	102	80.0 - 120	Acceptable	
THCVA	2	0.100	0.099	%	101	80.0 - 120	Acceptable	
CBN	1	0.102	0.101	%	101	90.0 - 110	Acceptable	
exo-THC	2	0.104	0.103	%	101	80.0 - 120	Acceptable	
d9THC	1	0.107	0.104	%	103	90.0 - 110	Acceptable	
d8THC	1	0.107	0.100	%	106	90.0 - 110	Acceptable	
CBL	2	0.0976	0.097	%	101	80.0 - 120	Acceptable	
d10THC	1	0.0956	0.096	%	99.9	80.0 - 120	Acceptable	
CBC	2	0.110	0.107	%	102	80.0 - 120	Acceptable	
THCA	1	0.0971	0.099	%	97.6	90.0 - 110	Acceptable	
CBCA	2	0.103	0.103	%	100	80.0 - 120	Acceptable	
CBLA	2	0.105	0.105	%	101	80.0 - 120	Acceptable	
CBT	2	0.109	0.108	%	102	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	
d10THC	<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

Columbia LABORATORIES
A Tentamus Company

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

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ORELAP#: OR100028
Purchase Order:
Received: 10/18/22 14:20

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

Laboratory Quality Control Results

J AOAC 2015 V98-6					Batch ID: 2208955			
Sample Duplicate					Sample ID: 22-012332-0001-01			
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	0.166	0.164	0.077	%	1.10	< 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	0.0938	0.0923	0.077	%	1.67	< 20	Acceptable	
CBD	32.3	32.1	0.077	%	0.653	< 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	0.177	0.174	0.077	%	1.81	< 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	
d10THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBC	0.250	0.248	0.077	%	0.873	< 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	0.397	0.394	0.077	%	0.890	< 20	Acceptable	

Abbreviations

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

Units of Measure:

Columbia LABORATORIES
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Portland, OR 97230
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Report Number: 22-012621/D002.R000
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ORELAP#: OR100028
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Revision: 3 Document ID: 3120
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 **Units:** mg/Kg **Batch ID:** 2208988

Method Blank				Laboratory Control Sample					
Analyte	**Blank Result**	**Blank Limits**	**Notes**	**LCS Result**	**LCS Spike**	**LCS % Rec**	**Limits**		**Notes**
Abamectin	0.000	< 0.250		0.969	1.000	96.9	50.0	150	
Acephate	0.041	< 0.250		1.009	1.000	100.9	60.0	120	
Acequinocyl	0.000	< 1.000		3.674	4.000	91.8	40.0	160	
Acetamiprid	0.000	< 0.100		0.398	0.400	99.5	60.0	120	
Aldicarb	0.000	< 0.200		0.771	0.800	96.3	60.0	120	
Azoxystrobin	0.000	< 0.100		0.387	0.400	96.8	60.0	120	
Bifenazate	0.000	< 0.100		0.332	0.400	83.1	60.0	120	
Bifenthrin	0.000	< 0.100		0.380	0.400	95.1	50.0	150	
Boscalid	0.000	< 0.200		0.777	0.800	97.1	60.0	120	
Carbaryl	0.000	< 0.100		0.391	0.400	97.7	60.0	120	
Carbofuran	0.000	< 0.100		0.387	0.400	96.6	60.0	120	
Chlorantraniliprole	0.000	< 0.100		0.400	0.400	100.1	60.0	120	
Chlorfenapyr	0.000	< 0.500		1.843	2.000	92.2	60.0	120	
Chlorpyrifos	0.000	< 0.100		0.377	0.400	94.2	60.0	120	
Clofentezine	0.000	< 0.100		0.391	0.400	97.7	60.0	120	
Cyfluthrin	0.000	< 0.500		1.855	2.000	92.8	50.0	150	
Cypermethrin	0.000	< 0.500		1.948	2.000	97.4	50.0	150	
Daminozide	0.000	< 0.500		1.994	2.000	99.7	60.0	120	
Diazinon	0.000	< 0.100		0.391	0.400	97.9	60.0	120	
Dichlorvos	0.000	< 0.500		1.917	2.000	95.8	60.0	120	
Dimethoate	0.000	< 0.100		0.402	0.400	100.4	60.0	120	
Ethoprophos	0.000	< 0.100		0.391	0.400	97.7	60.0	120	
Etofenprox	0.000	< 0.200		0.764	0.800	95.5	50.0	150	
Etoxazole	0.000	< 0.100		0.371	0.400	92.7	60.0	120	
Fenoxycarb	0.000	< 0.100		0.397	0.400	99.3	60.0	120	
Fenpyroximate	0.000	< 0.200		0.770	0.800	96.2	60.0	120	
Fipronil	0.000	< 0.200		0.800	0.800	100.0	60.0	120	
Flonicamid	0.000	< 0.250		1.062	1.000	106.2	60.0	120	
Fludioxonil	0.000	< 0.200		0.746	0.800	93.3	50.0	150	
Hexythiazox	0.000	< 0.250		0.925	1.000	92.5	60.0	120	
Imazalil	0.000	< 0.100		0.362	0.400	90.4	60.0	120	
Imidacloprid	0.000	< 0.200		0.801	0.800	100.2	60.0	120	
Kresoxim-methyl	0.000	< 0.200		0.807	0.800	100.8	60.0	120	
Malathion	0.000	< 0.100		0.391	0.400	97.8	60.0	120	
Metalaxyl	0.000	< 0.100		0.397	0.400	99.2	60.0	120	
Methiocarb	0.000	< 0.100		0.389	0.400	97.3	60.0	120	
Methomyl	0.000	< 0.200		0.792	0.800	99.0	60.0	120	
MGK-264	0.000	< 0.100		0.376	0.400	94.0	50.0	150	
Myclobutanil	0.000	< 0.100		0.400	0.400	100.1	60.0	120	
Naled	0.000	< 0.250		0.970	1.000	97.0	50.0	150	
Oxamyl	0.000	< 0.500		2.076	2.000	103.8	60.0	120	
Paclobutrazole	0.000	< 0.200		0.778	0.800	97.2	60.0	120	
Parathion-Methyl	0.000	< 0.200		0.896	0.800	112.0	50.0	150	
Permethrin	0.000	< 0.100		0.373	0.400	93.3	50.0	150	
Phosmet	0.000	< 0.100		0.392	0.400	98.1	50.0	150	
Piperonyl butoxide	0.000	< 0.500		1.931	2.000	96.6	60.0	120	
Prallethrin	0.000	< 0.100		0.392	0.400	97.9	60.0	120	
Propiconazole	0.000	< 0.200		0.792	0.800	99.0	60.0	120	
Propoxur	0.000	< 0.100		0.393	0.400	98.2	60.0	120	
Pyrethrin (Summe)	0.000	< 0.100		0.396	0.413	95.9	60.0	120	
Pyridaben	0.000	< 0.100		0.384	0.400	95.9	50.0	150	
Spinosad	0.000	< 0.100		0.367	0.388	94.6	50.0	150	
Spiromesifen	0.000	< 0.100		0.382	0.400	95.5	60.0	120	
Spirotetramat	0.000	< 0.100		0.390	0.400	97.6	60.0	120	
Spiroxamine	0.000	< 0.200		0.775	0.800	96.9	60.0	120	
Tebuconazole	0.000	< 0.200		0.813	0.800	101.6	60.0	120	
Thiacloprid	0.000	< 0.100		0.400	0.400	100.0	60.0	120	
Thiamethoxam	0.000	< 0.100		0.428	0.400	106.9	60.0	120	
Trifloxystrobin	0.000	< 0.100		0.386	0.400	96.5	60.0	120	

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A Tentamus Company

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ORELAP#: OR100028
Purchase Order:
Received: 10/18/22 14:20

Revision: 3 Document ID: 3120
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC 2007.1 & EN 15662 — **Units:** mg/Kg — **Batch ID:** 2208988

Matrix Spike/Matrix Spike Duplicate Recoveries — **Sample ID:** 22-012342-0001

Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS % Rec	MSD % Rec	Limits	Notes
Abamectin	0.000	0.861	0.824	1.000	4.5%	< 30	86.1%	82.4%	50 - 150	
Acephate	0.000	1.040	1.023	1.000	1.6%	< 30	104.0%	102.3%	50 - 150	
Acequinocyl	0.000	3.139	3.216	4.000	2.4%	< 30	78.5%	80.4%	50 - 150	
Acetamiprid	0.000	0.410	0.395	0.400	3.6%	< 30	102.4%	98.8%	50 - 150	
Aldicarb	0.000	0.793	0.782	0.800	1.4%	< 30	99.1%	97.7%	50 - 150	
Azoxystrobin	0.000	0.388	0.385	0.400	0.8%	< 30	96.9%	96.1%	50 - 150	
Bifenazate	0.000	0.442	0.434	0.400	1.8%	< 30	110.6%	108.6%	50 - 150	
Bifenthrin	0.000	0.311	0.327	0.400	4.8%	< 30	77.8%	81.6%	50 - 150	
Boscalid	0.000	0.804	0.824	0.800	2.4%	< 30	100.6%	103.0%	50 - 150	
Carbaryl	0.000	0.404	0.374	0.400	7.6%	< 30	100.9%	93.5%	50 - 150	
Carbofuran	0.000	0.401	0.383	0.400	4.6%	< 30	100.4%	95.8%	50 - 150	
Chlorantraniliprole	0.000	0.420	0.395	0.400	6.3%	< 30	105.1%	98.7%	50 - 150	
Chlorfenapyr	0.000	1.855	2.383	2.000	24.9%	< 30	92.7%	119.2%	50 - 150	
Chlorpyrifos	0.011	0.459	0.425	0.400	7.8%	< 30	112.0%	103.5%	50 - 150	
Clofentezine	0.000	0.397	0.382	0.400	3.8%	< 30	99.2%	95.5%	50 - 150	
Cyfluthrin	0.000	0.790	0.709	2.000	10.8%	< 30	39.5%	35.5%	30 - 150	
Cypermethrin	0.000	0.785	0.733	2.000	6.9%	< 30	39.2%	36.6%	50 - 150	Q
Daminozide	0.000	2.164	2.141	2.000	1.1%	< 30	108.2%	107.0%	30 - 150	
Diazinon	0.000	0.351	0.342	0.400	2.7%	< 30	87.7%	85.4%	50 - 150	
Dichlorvos	0.000	2.090	1.907	2.000	9.2%	< 30	104.5%	95.3%	50 - 150	
Dimethoate	0.000	0.413	0.398	0.400	3.6%	< 30	103.2%	99.6%	50 - 150	
Ethoprophos	0.000	0.407	0.402	0.400	1.2%	< 30	101.7%	100.5%	50 - 150	
Etofenprox	0.000	0.712	0.726	0.800	1.9%	< 30	89.1%	90.8%	50 - 150	
Etoxazole	0.000	0.362	0.359	0.400	0.9%	< 30	90.6%	89.8%	50 - 150	
Fenoxycarb	0.000	0.406	0.400	0.400	1.3%	< 30	101.4%	100.1%	50 - 150	
Fenpyroximate	0.000	0.419	0.445	0.800	6.0%	< 30	52.4%	55.7%	50 - 150	
Fipronil	0.000	0.779	0.717	0.800	8.2%	< 30	97.3%	89.7%	50 - 150	
Flonicamid	0.000	1.046	1.063	1.000	1.7%	< 30	104.6%	106.3%	50 - 150	
Fludioxonil	0.000	0.847	0.851	0.800	0.4%	< 30	105.9%	106.3%	50 - 150	
Hexythiazox	0.000	1.012	0.961	1.000	5.3%	< 30	101.2%	96.1%	50 - 150	
Imazalil	0.000	0.400	0.397	0.400	0.9%	< 30	100.0%	99.1%	50 - 150	
Imidacloprid	0.000	0.829	0.816	0.800	1.5%	< 30	103.6%	102.0%	50 - 150	
Kresoxim-methyl	0.000	0.831	0.796	0.800	4.3%	< 30	103.9%	99.5%	50 - 150	
Malathion	0.000	0.400	0.396	0.400	1.1%	< 30	100.0%	99.0%	50 - 150	
Metalaxyl	0.000	0.400	0.400	0.400	0.2%	< 30	100.1%	99.9%	50 - 150	
Methiocarb	0.000	0.398	0.380	0.400	4.4%	< 30	99.4%	95.1%	50 - 150	
Methomyl	0.000	0.785	0.785	0.800	0.1%	< 30	98.1%	98.2%	50 - 150	
MGK-264	0.000	0.398	0.389	0.400	2.3%	< 30	99.5%	97.2%	50 - 150	
Myclobutanil	0.000	0.395	0.349	0.400	12.6%	< 30	98.9%	87.1%	50 - 150	
Naled	0.000	0.973	0.911	1.000	6.6%	< 30	97.3%	91.1%	50 - 150	
Oxamyl	0.000	2.053	2.023	2.000	1.4%	< 30	102.6%	101.2%	50 - 150	
Paclobutrazole	0.000	0.802	0.779	0.800	2.9%	< 30	100.3%	97.4%	50 - 150	
Parathion-Methyl	0.000	0.891	0.733	0.800	19.4%	< 30	111.4%	91.7%	30 - 150	
Permethrin	0.000	0.330	0.313	0.400	5.3%	< 30	82.6%	78.3%	50 - 150	
Phosmet	0.000	0.398	0.398	0.400	0.1%	< 30	99.5%	99.6%	50 - 150	
Piperonyl butoxide	0.000	1.814	1.806	2.000	0.4%	< 30	90.7%	90.3%	50 - 150	
Prallethrin	0.000	0.521	0.514	0.400	1.5%	< 30	130.3%	128.4%	50 - 150	
Propiconazole	0.000	0.963	0.920	0.800	4.6%	< 30	120.4%	115.0%	50 - 150	
Propoxur	0.000	0.425	0.380	0.400	11.1%	< 30	106.2%	95.0%	50 - 150	
Pyrethrin (Summe)	0.000	0.382	0.394	0.413	2.9%	< 30	92.6%	95.3%	50 - 150	
Pyridaben	0.000	0.430	0.415	0.400	3.4%	< 30	107.4%	103.8%	50 - 150	
Spinosad	0.000	0.327	0.320	0.388	2.4%	< 30	84.4%	82.4%	50 - 150	
Spiromesifen	0.000	0.402	0.406	0.400	1.0%	< 30	100.5%	101.5%	50 - 150	
Spirotetramat	0.000	0.430	0.437	0.400	1.8%	< 30	107.4%	109.3%	50 - 150	
Spiroxamine	0.000	0.784	0.785	0.800	0.1%	< 30	98.0%	98.1%	50 - 150	
Tebuconazole	0.000	0.799	0.811	0.800	1.5%	< 30	99.8%	101.3%	50 - 150	
Thiacloprid	0.000	0.400	0.390	0.400	2.5%	< 30	99.9%	97.4%	50 - 150	
Thiamethoxam	0.000	0.380	0.441	0.400	14.8%	< 30	94.9%	110.1%	50 - 150	
Trifloxystrobin	0.000	0.370	0.359	0.400	3.1%	< 30	92.5%	89.7%	50 - 150	

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503-254-1794

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Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2209018

Method Blank					Laboratory Control Sample							
Analyte	**Result**		**LOQ**	**Notes**	**Result**	**Spike**	**Units**	**% Rec**	**Limits**			**Notes**
Propane	ND	<	200		588	572	µg/g	102.8	60	-	120	
Isobutane	ND	<	200		786	731	µg/g	107.5	60	-	120	
Butane	ND	<	200		762	731	µg/g	104.2	60	-	120	
2,2-Dimethylpropane	ND	<	200		1070	936	µg/g	114.3	60	-	120	
Methanol	ND	<	200		1920	1650	µg/g	116.4	60	-	120	
Ethylene Oxide	ND	<	30		58.2	56.2	µg/g	103.6	60	-	120	
2-Methylbutane	ND	<	200		1770	1650	µg/g	107.3	60	-	120	
Pentane	ND	<	200		1800	1650	µg/g	109.1	60	-	120	
Ethanol	ND	<	200		1900	1660	µg/g	114.5	70	-	130	
Ethyl Ether	ND	<	200		1850	1630	µg/g	113.5	60	-	120	
2,2-Dimethylbutane	ND	<	30		204	189	µg/g	107.9	60	-	120	
Acetone	ND	<	200		1890	1650	µg/g	114.5	60	-	120	
2-Propanol	ND	<	200		1890	1650	µg/g	114.5	60	-	120	
Ethyl Formate	ND	<	500		1320	1610	µg/g	82.0	70	-	130	
Acetonitrile	ND	<	100		593	504	µg/g	117.7	60	-	120	
Methyl Acetate	ND	<	500		1650	1630	µg/g	101.2	70	-	130	
2,3-Dimethylbutane	ND	<	30		191	174	µg/g	109.8	60	-	120	
Dichloromethane	ND	<	60		582	521	µg/g	111.7	60	-	120	
2-Methylpentane	ND	<	30		203	187	µg/g	108.6	60	-	120	
MTBE	ND	<	500		1590	1600	µg/g	99.4	70	-	130	
3-Methylpentane	ND	<	30		211	188	µg/g	112.2	60	-	120	
Hexane	ND	<	30		213	182	µg/g	117.0	60	-	120	
1-Propanol	ND	<	500		1620	1610	µg/g	100.6	70	-	130	
Methylethylketone	ND	<	500		1630	1600	µg/g	101.9	70	-	130	
Ethyl acetate	ND	<	200		1910	1630	µg/g	117.2	60	-	120	
2-Butanol	ND	<	200		1890	1630	µg/g	116.0	60	-	120	
Tetrahydrofuran	ND	<	100		560	506	µg/g	110.7	60	-	120	
Cyclohexane	ND	<	200		1810	1640	µg/g	110.4	60	-	120	
2-methyl-1-propanol	ND	<	500		1510	1620	µg/g	93.2	70	-	130	
Benzene	ND	<	1		5.45	4.93	µg/g	110.5	60	-	120	
Isopropyl Acetate	ND	<	200		1900	1640	µg/g	115.9	60	-	120	
Heptane	ND	<	200		1650	1630	µg/g	101.2	60	-	120	
1-Butanol	ND	<	500		1550	1600	µg/g	96.9	70	-	130	
Propyl Acetate	ND	<	500		1680	1620	µg/g	103.7	70	-	130	
1,4-Dioxane	ND	<	100		554	493	µg/g	112.4	60	-	120	
2-Ethoxyethanol	ND	<	30		208	171	µg/g	121.6	60	-	120	Q1
Methylisobutylketone	ND	<	500		1520	1620	µg/g	93.8	70	-	130	
3-Methyl-1-butanol	ND	<	500		1540	1610	µg/g	95.7	70	-	130	
Ethylene Glycol	ND	<	200		603	494	µg/g	122.1	60	-	120	Q1
Toluene	ND	<	100		558	506	µg/g	110.3	60	-	120	
Isobutyl Acetate	ND	<	500		1590	1620	µg/g	98.1	70	-	130	
1-Pentanol	ND	<	500		1470	1610	µg/g	91.3	70	-	130	
Butyl Acetate	ND	<	500		1500	1610	µg/g	93.2	70	-	130	
Ethylbenzene	ND	<	200		1100	996	µg/g	110.4	60	-	120	
m,p-Xylene	ND	<	200		1100	1010	µg/g	108.9	60	-	120	
o-Xylene	ND	<	200		1030	979	µg/g	105.2	60	-	120	
Cumene	ND	<	30		193	188	µg/g	102.7	60	-	120	
Anisole	ND	<	500		1400	1610	µg/g	87.0	70	-	130	
DMSO	ND	<	500		1410	1600	µg/g	88.1	70	-	130	
1,2-dimethoxyethane	ND	<	50		185	190	µg/g	97.4	70	-	130	
Triethylamine	ND	<	500		1500	1610	µg/g	93.2	70	-	130	
N,N-dimethylformamide	ND	<	150		431	496	µg/g	86.9	70	-	130	
N,N-dimethylacetamide	ND	<	150		447	483	µg/g	92.5	70	-	130	
Pyridine	ND	<	50		150	167	µg/g	89.8	70	-	130	
Sulfolane	ND	<	50		131	161	µg/g	81.4	70	-	130	
1,2-Dichloroethane	ND	<	1		0.975	1	µg/g	97.5	70	-	130	
Chloroform	ND	<	1		0.969	1	µg/g	96.9	70	-	130	
Trichloroethylene	ND	<	1		0.933	1	µg/g	93.3	70	-	130	
1,1-Dichloroethane	ND	<	1		0.977	1	µg/g	97.7	70	-	130	

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QC - Sample Duplicate **Sample ID: 22-012342-0001**

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	100	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	
Sulfolane	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	
1,1-Dichloroethane	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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Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2209027

Method Blank					Laboratory Control Sample					
Analyte	**Result**	**LOQ**		**Notes**	**Result**	**LCS**	**Units**	**LCS % Rec**	**Limits**	**Notes**
a-pinene	<LOQ	<	200		423	500	µg/g	***85%***	70 - 130	
Camphene	<LOQ	<	200		397	500	µg/g	***79%***	70 - 130	
Sabinene	<LOQ	<	200		414	500	µg/g	***83%***	70 - 130	
b-Pinene	<LOQ	<	200		406	500	µg/g	***81%***	70 - 130	
b-Myrcene	<LOQ	<	200		386	500	µg/g	***77%***	70 - 130	
a-phelllandrene	<LOQ	<	200		382	500	µg/g	***76%***	70 - 130	
d-3-Carene	<LOQ	<	200		367	500	µg/g	***73%***	70 - 130	
a-Terpinene	<LOQ	<	200		415	500	µg/g	***83%***	70 - 130	
p-Cymene	<LOQ	<	200		380	500	µg/g	***76%***	70 - 130	
D-Limonene	<LOQ	<	200		416	500	µg/g	***83%***	70 - 130	
Eucalyptol	<LOQ	<	200		374	500	µg/g	***75%***	70 - 130	
b-cis-Ocimene	<LOQ	<	67		125	167	µg/g	***75%***	70 - 130	
b-trans-Ocimene	<LOQ	<	133		266	333	µg/g	***80%***	70 - 130	
g-Terpinene	<LOQ	<	200		392	500	µg/g	***78%***	70 - 130	
Sabinene_Hydrate	<LOQ	<	200		390	500	µg/g	***78%***	70 - 130	
Terpinolene	<LOQ	<	200		401	500	µg/g	***80%***	70 - 130	
D-Fenchone	<LOQ	<	200		400	500	µg/g	***80%***	70 - 130	
Linalool	<LOQ	<	200		434	500	µg/g	***87%***	70 - 130	
Fenchol	<LOQ	<	200		397	500	µg/g	***79%***	70 - 130	
Camphor	<LOQ	<	200		356	500	µg/g	***71%***	70 - 130	
Isopulego	<LOQ	<	200		375	500	µg/g	***75%***	70 - 130	
Isoborneol	<LOQ	<	200		367	500	µg/g	***73%***	70 - 130	
Borneol	<LOQ	<	200		399	500	µg/g	***80%***	70 - 130	
DL-Menthol	<LOQ	<	200		363	500	µg/g	***73%***	70 - 130	
Terpineol	<LOQ	<	200		404	500	µg/g	***81%***	70 - 130	
Nerol	<LOQ	<	200		435	500	µg/g	***87%***	70 - 130	
Pulegone	<LOQ	<	200		422	500	µg/g	***84%***	70 - 130	
Gereniol	<LOQ	<	200		494	500	µg/g	***99%***	70 - 130	
Geranyl_Acetate	<LOQ	<	200		386	500	µg/g	***77%***	70 - 130	
a-Cedrene	<LOQ	<	200		383	500	µg/g	***77%***	70 - 130	
b-Caryophyllene	<LOQ	<	200		356	500	µg/g	***71%***	70 - 130	
a-Humulene	<LOQ	<	200		400	500	µg/g	***80%***	70 - 130	
Valenene	<LOQ	<	200		351	500	µg/g	***70%***	70 - 130	
cis-Nerolidol	<LOQ	<	200		436	500	µg/g	***87%***	70 - 130	
a-Farnesene	<LOQ	<	200		405	500	µg/g	***81%***	70 - 130	
trans-Nerolidol	<LOQ	<	200		440	500	µg/g	***88%***	70 - 130	
Caryophyllene_Oxide	<LOQ	<	200		399	500	µg/g	***80%***	70 - 130	
Guaiol	<LOQ	<	200		414	500	µg/g	***83%***	70 - 130	
Cedrol	<LOQ	<	200		375	500	µg/g	***75%***	70 - 130	
a-Bisabolol	<LOQ	<	200		380	500	µg/g	***76%***	70 - 130	

Definitions

LOQ	Limit of Quantitation
LCS	Laboratory Control Sample
% REC	Percent Recovery

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Report Number: 22-012621/D002.R000
Report Date: 10/25/2022
ORELAP#: OR100028
Purchase Order:
Received: 10/18/22 14:20

Revision: 1 Document ID: 7086
Legacy ID: CFL-E57Worksheet Validated 11/04/2020

Terpenes Quality Control Results

Method Reference: EPA 5035 **Batch ID:** 2209027

Sample/Sample Duplicate **Sample ID: 22-012621-0001**

Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	5550	5570	184	µg/g	0%	< 20	
Camphene	<LOQ	<LOQ	184	µg/g	0%	< 20	
Sabinene	<LOQ	<LOQ	184	µg/g	0%	< 20	
b-Pinene	2290	2300	184	µg/g	0%	< 20	
b-Myrcene	24400	24300	184	µg/g	0%	< 20	
a-phelllandrene	463	477	184	µg/g	3%	< 20	
d-3-Carene	248	241	184	µg/g	3%	< 20	
a-Terpinene	378	364	184	µg/g	4%	< 20	
p-Cymene	<LOQ	<LOQ	184	µg/g	0%	< 20	
D-Limonene	5110	5080	184	µg/g	1%	< 20	
Eucalyptol	<LOQ	<LOQ	184	µg/g	0%	< 20	
b-cis-Ocimene	103	109	61.3	µg/g	6%	< 20	
b-trans-Ocimene	2000	1990	123	µg/g	1%	< 20	
g-Terpinene	273	269	184	µg/g	1%	< 20	
Sabinene_Hydrate	<LOQ	<LOQ	184	µg/g	0%	< 20	
Terpinolene	9110	9020	184	µg/g	1%	< 20	
D-Fenchone	<LOQ	<LOQ	184	µg/g	0%	< 20	
Linalool	1590	1560	184	µg/g	2%	< 20	
Fenchol	600	578	184	µg/g	4%	< 20	
Camphor	<LOQ	<LOQ	184	µg/g	0%	< 20	
Isopulego	<LOQ	<LOQ	184	µg/g	0%	< 20	
Isoborneol	<LOQ	<LOQ	184	µg/g	0%	< 20	
Borneol	253	249	184	µg/g	2%	< 20	
DL-Menthol	<LOQ	<LOQ	184	µg/g	0%	< 20	
Terpineol	759	748	184	µg/g	1%	< 20	
Nerol	<LOQ	<LOQ	184	µg/g	0%	< 20	
Pulegone	<LOQ	<LOQ	184	µg/g	0%	< 20	
Gereniol	<LOQ	<LOQ	184	µg/g	0%	< 20	
Geranyl_Acetate	<LOQ	<LOQ	184	µg/g	0%	< 20	
a-Cedrene	<LOQ	<LOQ	184	µg/g	0%	< 20	
b-Caryophyllene	12900	12700	184	µg/g	2%	< 20	
a-Humulene	7090	6990	184	µg/g	1%	< 20	
Valenene	<LOQ	<LOQ	184	µg/g	0%	< 20	
cis-Nerolidol	<LOQ	<LOQ	184	µg/g	0%	< 20	
a-Farnesene	<LOQ	<LOQ	184	µg/g	0%	< 20	
trans-Nerolidol	<LOQ	<LOQ	184	µg/g	0%	< 20	
Caryophyllene_Oxide	1050	991	184	µg/g	6%	< 20	
Guaiol	2340	2270	184	µg/g	3%	< 20	
Cedrol	<LOQ	<LOQ	184	µg/g	0%	< 20	
a-Bisabolol	3490	3420	184	µg/g	2%	< 20	

Definitions

RPD Relative Percent Difference

Columbia LABORATORIES
A Tentamus Company

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

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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.

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**

Sample ID **SD230329-008 (71349)**		Matrix **Concentrate (Inhalable Cannabis Good)**	
Tested for **The Hemp Collect**			
Sampled **-**	Received **Mar 28, 2023**		Reported **Apr 05, 2023**
Analyses executed **CAN+, RES, MIBIG, MTO, PES, HME, FVI**			

Laboratory note: The estimated concentration of the unknown peak in the sample is 6.60% | 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 cannabinoid 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 is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)d8-THC and d9-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be: 94.56%

CAN+ - Cannabinoids Analysis

Analyzed **Apr 04, 2023** | Instrument **HPLC-VWD** | Method **SOP-001**
The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806**% 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

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count

Acc. #85368

Scan the QR code to verify authenticity.

Authorized Signature

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

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	LOD ug/g	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
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count

Acc. #85368

Scan the QR code to verify authenticity.

Authorized Signature

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