



This report cannot be used for ODA, OHA or OLCC compliance requirements.

This is an amended version of the report# 056440-00.

Reason: Potency results are reported in mg/container.

Customer: CBD Lion



Product identity: 2000mg Tincture

Client/Metric ID: .

Sample Date:

Laboratory ID: 18-011141-0021

Relinquished by: Received By Mail

Temp: 20.03 °C

Weight Received: 28 g

Sample Results

Potency per 28g				Batch: 1807740			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBC-A per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBC-Total per 28g [†]	< LOQ		mg/28g	52.6	12/07/18	J AOAC 2015 V98-6	
CBD per 28g	1904		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBD-A per 28g	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBD-Total per 28g	1904		mg/28g	52.6	12/07/18	J AOAC 2015 V98-6	
CBDV per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBDV-A per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBDV-Total per 28g [†]	< LOQ		mg/28g	52.4	12/07/18	J AOAC 2015 V98-6	
CBG per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBG-A per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBG-Total per 28g [†]	< LOQ		mg/28g	52.6	12/07/18	J AOAC 2015 V98-6	
CBL per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
CBN per 28g	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
Δ8-THC per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
Δ9-THC per 28g	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
THC-A per 28g	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
THC-Total per 28g	< LOQ		mg/28g	52.4	12/07/18	J AOAC 2015 V98-6	
THCV per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
THCV-A per 28g [†]	< LOQ		mg/28g	28.0	12/07/18	J AOAC 2015 V98-6	
THCV-Total per 28g [†]	< LOQ		mg/28g	52.4	12/07/18	J AOAC 2015 V98-6	



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

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.

Glossary of Qualifiers

† = Analyte not NELAP accredited.

Units of Measure

g = Gram

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Company:		Analysis Requested												Purchase Order Number:				
Contact:		<div style="display: flex; justify-content: space-between;"> <div> Pesticides – OR 59 compounds Pesticide Multi-Residue – 379 compounds Potency Residual Solvents Water Activity Moisture Terpenes Micro: Yeast and Mold Micro: E.Coli and Total Coliform Heavy Metals Mycotoxins Other </div> <div> Matrix Weight Serving size for edibles Comments/Metric ID </div> </div>												Project Number:				
Address:														Project Name:				
Email:														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30				
Phone: Fax:														Other:				
Processor's License:																		
Cartridges																		
Field ID	Date/Time Collected																	
1 - 0 Jack Herer				X											Oil	2g		Please take
2 - 0 Sour Diesel				X											Oil	2g		picture for COA
3 - 0 Sour Tangie				X											Oil	2g		with loose
4 - 1 Cherry Pie				X											Oil	2g		cartridge package
5 - 1 Strawberry Cough				X											Oil	2g		
6 - 1 Ghost Train HAZE				X											Oil	2g		
7 - 1 Lemon Squeeze				X											Oil	2g		
8 - 2 Blueberry				X											Oil	2g		
Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard) </div> <div> Lab Use Only: Client Alias: Order Number: Proper Container: Sample Condition: Temperature: 20.03 Shipped Via: UPS Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div> </div>											

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM

Revision: 1.00 Control#: CF023
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Page 1 of 10



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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Company:		Analysis Requested										Purchase Order Number:			
Contact:		<div style="display: flex; flex-direction: column;"> <div>Pesticides - OR 59 compounds</div> <div>Pesticide Multi-Residue - 379 compounds</div> <div>Potency</div> <div>Residual Solvents</div> <div>Water Activity</div> <div>Moisture</div> <div>Terpenes</div> <div>Micro: Yeast and Mold</div> <div>Micro: E.Coli and Total Coliform</div> <div>Heavy Metals</div> <div>Mycotoxins</div> <div>Other</div> </div>										Project Number:			
Address:												Project Name:			
Email:												<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30			
Phone: Fax:												Other:			
Processor's License:															
Field ID	Date/Time Collected											Matrix	Weight	Serving size for edibles	Comments/Metric ID
9 - Jack Herer PEN				X								Oil			Please take
10 - Sour Diesel "				X								Oil			Picture for COA
11 - Sour Tangie "				X								Oil			with PEN
12 - Cherry Pie "				X								Oil			
13 - Strawberry Cough "				X								Oil			
14 - GHOST TRAIN HAZE				X								Oil			
15 - Lemon Squeeze "				X								Oil			
16 - Blue berry "				X								Oil			
Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only: Client Alias: Order Number: Proper Container: Sample Condition: Temperature: 20.3 Shipped Via: UPS Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								
<input type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard)															

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Page 1 of 2
2120



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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Company: CBOLION		Analysis Requested												Purchase Order Number:			
Contact: Erik Lundgren		<div style="display: flex; flex-direction: row;"> <div style="flex: 1;"> Pesticides – OR 59 compounds Pesticide Multi-Residue – 379 compounds Potency Residual Solvents Water Activity Moisture Terpenes Micro: Yeast and Mold Micro: E.Coli and Total Coliform Heavy Metals Mycotoxins Other </div> <div style="flex: 1;"> Matrix Weight Serving size for edibles </div> </div>												Project Number:			
Address: 25669 Hillview Ct														Project Name:			
Email: Erik@CBOLION.COM														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30			
Phone: 503-688-9087 Fax:														Other:			
Processor's License: N/A																	
Field ID	Date/Time Collected	Pesticides – OR 59 compounds	Pesticide Multi-Residue – 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metrc ID
17 - CBOL ISOLATE			X	X	X						X	X		CON	7g		
18 - 250mg Tincture				X										Oil	15g		
19 - 500mg				X										Oil	28g		
20 - 1,000mg				X										Oil	28g		
21 - 2,000mg				X										Oil	28g		
22 - 5,000mg				X										Oil	28g		

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard)				July 6	12/18	10:35	Client Alias: Order Number: Proper Container Sample Condition Temperature: Shipped Via: Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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Page **3 of 11**



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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Company:		Analysis Requested												Purchase Order Number:				
Contact:		<div style="display: flex; flex-direction: column;"> <div>Pesticides - OR 59 compounds</div> <div>Pesticide Multi-Residue - 379 compounds</div> <div>Potency</div> <div>Residual Solvents</div> <div>Water Activity</div> <div>Moisture</div> <div>Terpenes</div> <div>Micro: Yeast and Mold</div> <div>Micro: E.Coli and Total Coliform</div> <div>Heavy Metals</div> <div>Mycotoxins</div> <div>Other</div> </div>												Project Number:				
Address:														Project Name:				
Email:														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30				
Phone: Fax:														Other:				
Processor's License:																		
CONCENTRATE (Shatter) Field ID	Date/Time Collected														Matrix	Weight	Serving size for edibles	Comments/Metric ID
23-1 Jack Herer															CON	2g		
24-0 Sour Diesel															CON	2g		
25-0 Sour TANGIE															CON	2g		
26-0 Cherry Pie															CON	2g		
27-0 Strawberry Cough															CON	2g		
28-0 Ghost TRAIN HAZE															CON	2g		
29-0 Lemon Squeeze															CON	2g		
30-1 Blueberry															CON	2g		
Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:											
<input type="checkbox"/> Standard (5 day)				<i>[Signature]</i>	12/14	10:35	Client Alias:											
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:											
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container											
							Sample Condition											
							Temperature: 20.3											
							Shipped Via: UPS											
							Evidence of cooling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No											

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Page 4 of 6
[Signature]



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**Columbia Food/Pixis Labs
Sample Receipt Form**

Revision: 0.01 Document Control: CF015
Revised: 04/19/2018 Effective: 04/19/2018

Job Number: _____ Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 12/31/18 Time: 10:35

Received By (Initials): JV

- 1) Were custody seals on outside of the package/cooler?
If YES, how many and where? _____ YES NO NA
Were signature and date correct? _____ YES NO NA
- 2) Were custody papers included in the package/cooler? YES NO NA
- 3) Were custody papers properly filled out (ink, sign, date)? YES NO NA
- 4) Did you sign custody papers in the appropriate place? YES NO NA
- 5) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 1Z 8366AY 03 9902 2451

- 6) What kind of packing material was used?
Peanuts Bubble Wrap Foam Paper Other: None
- 7) Was sufficient ice used (if appropriate)?
What kind? None YES NO NA
- Blue Ice Ice Cooler Packs Dry Ice
- 8) Were all sample containers sealed in separate plastic bags? YES NO NA
- 9) Did all sample containers arrive in good condition? YES NO NA
- 10) Were all sample container labels complete? YES NO NA
- 11) Did all sample container labels and tags agree with the coc? YES NO NA
- 12) Were correct sample containers used for the tests indicated? YES NO NA
- 13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA
- 14) Was a sufficient amount of sample sent in each sample container? YES NO NA
- 15) Temperature of the samples upon receipt (See SOP for proper temps) 17.2 °C
- 16) Sample location prior to login: R25 R39 R44 F44 Ambient Shelf Other:

Explain any discrepancies: _____

Page 6 of 5



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Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 1807775**
Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.192	0.2	%	96.0	85 - 115	Acceptable	
CBDV	0.203	0.2	%	102	85 - 115	Acceptable	
CBD-A	0.191	0.2	%	95.5	85 - 115	Acceptable	
CBG-A	0.192	0.2	%	96.0	85 - 115	Acceptable	
CBG	0.212	0.2	%	106	85 - 115	Acceptable	
CBD	0.189	0.2	%	94.5	85 - 115	Acceptable	
THCV	0.201	0.2	%	101	85 - 115	Acceptable	
THCVA	0.188	0.2	%	94.0	85 - 115	Acceptable	
CBN	0.198	0.2	%	99.0	85 - 115	Acceptable	
THC	0.193	0.2	%	96.5	85 - 115	Acceptable	
D8THC	0.194	0.2	%	97.0	85 - 115	Acceptable	
CBL	0.182	0.2	%	91.0	85 - 115	Acceptable	
CBC	0.212	0.2	%	106	85 - 115	Acceptable	
THCA	0.187	0.2	%	93.5	85 - 115	Acceptable	
CBCA	0.183	0.2	%	91.5	85 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	ND	0.1	%	< 0.1	Acceptable	
CBDV	ND	0.1	%	< 0.1	Acceptable	
CBD-A	ND	0.1	%	< 0.1	Acceptable	
CBG-A	ND	0.1	%	< 0.1	Acceptable	
CBG	ND	0.1	%	< 0.1	Acceptable	
CBD	ND	0.1	%	< 0.1	Acceptable	
THCV	ND	0.1	%	< 0.1	Acceptable	
THCVA	ND	0.1	%	< 0.1	Acceptable	
CBN	ND	0.1	%	< 0.1	Acceptable	
THC	ND	0.1	%	< 0.1	Acceptable	
D8THC	ND	0.1	%	< 0.1	Acceptable	
CBL	ND	0.1	%	< 0.1	Acceptable	
CBC	ND	0.1	%	< 0.1	Acceptable	
THCA	ND	0.1	%	< 0.1	Acceptable	
CBCA	ND	0.1	%	< 0.1	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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JAOAC 2015 V98-6						Batch ID: 1807775		
Sample Duplicate						Sample ID: 18-011131-0001		
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBDV	ND	ND	0.1	%	0	< 20	Acceptable	
CBD-A	0.177	0.179	0.1	%	1.12	< 20	Acceptable	
CBG-A	1.18	1.19	0.1	%	0.844	< 20	Acceptable	
CBG	0.243	0.244	0.1	%	0.411	< 20	Acceptable	
CBD	ND	ND	0.1	%	0	< 20	Acceptable	
THCV	0.174	0.175	0.1	%	0.573	< 20	Acceptable	
THCVA	0.679	0.684	0.1	%	0.734	< 20	Acceptable	
CBN	ND	ND	0.1	%	0	< 20	Acceptable	
THC	16.2	16.4	0.1	%	1.23	< 20	Acceptable	
D8THC	ND	ND	0.1	%	0	< 20	Acceptable	
CBL	ND	ND	0.1	%	0	< 20	Acceptable	
CBC	0.191	0.177	0.1	%	7.61	< 20	Acceptable	
THCA	69.8	70.4	0.1	%	0.856	< 20	Acceptable	
CBCA	0.807	0.814	0.1	%	0.864	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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Explanation of QC Flag Comments:

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