



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



Report Number: 22-015800/D010.R000
Report Date: 01/04/2023
ORELAP#: OR100028
Purchase Order:
Received: 12/28/22 16:43

Customer: IHC LLC
Product identity: 0103LIRVAP200_OG
Client/Metric ID: .
Laboratory ID: 22-015800-0009

Summary

Potency:

Analyte	Result (%)		
Δ8-THC	81.1	<ul style="list-style-type: none"> ● 8-THC ● CBD-A ● 8-THCV ● CBC-A ● CBD ● THC-A ● CBT ● CBG-A 	CBD-Total 4.54%
CBD-A	5.03		THC-Total <LOQ
Δ8-THCV	0.267		(Reported in percent of total sample)
CBC-A	0.247		
CBD	0.131		
THC-A	0.121		
CBT	0.120		
CBG-A	0.0712		



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

Product identity: 0103LIRVAP200_OG

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-015800-0009

Evidence of Cooling: No

Temp: 15.2 °C

Relinquished by: Client



**THE HEMP
COLLECT**

Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)^P **Units %** **Batch:** 2300024 **Analyze:** 12/30/22 6:57:00 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0690	
CBC-A	0.247		0.0690	
CBC-Total	0.217		0.129	
CBD	0.131		0.0690	
CBD-A	5.03		0.0690	
CBD-Total	4.54		0.129	
CBDV	< LOQ		0.0690	
CBDV-A	< LOQ		0.0690	
CBDV-Total	< LOQ		0.129	
CBE	< LOQ		0.0690	
CBG	< LOQ		0.0690	
CBG-A	0.0712		0.0690	
CBG-Total	< LOQ		0.129	
CBL	< LOQ		0.0690	
CBL-A	< LOQ		0.0690	
CBL-Total	< LOQ		0.129	
CBN	< LOQ		0.0690	
CBT	0.120		0.0690	
Δ10-THC	< LOQ		0.0690	
Δ8-THC	81.1		0.690	
Δ8-THCV	0.267		0.0690	
Δ9-THC	< LOQ		0.0690	
exo-THC	< LOQ		0.0690	
THC-A	0.121		0.0690	
THC-Total	< LOQ		0.129	
THCV	< LOQ		0.0690	
THCV-A	< LOQ		0.0690	
THCV-Total	< LOQ		0.129	
Total Cannabinoids	87.1			





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These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

^b = 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



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IHC LCC 22-015800



IHC LLC



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

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

Company: <u>The Hemp Collect</u> Contact: <u>kyle@thehempcollect.com</u> Street: <u>431 NW Flanders st.</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input checked="" type="checkbox"/> Email Results: <u>dropbox (IHC)</u> Ph: (<u>503</u>) <u>608164</u> Fx Results: () Billing (if different): <u>joel@thehempcollect.com</u>				Analysis Requested <input type="checkbox"/> Pesticides - OR 59 compounds <input type="checkbox"/> Pesticide Multi-Residue - 375 compounds <input type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpenes <input type="checkbox"/> Micro: Yeast and Mold <input type="checkbox"/> Micro: E. Coli and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Mycotoxins <input type="checkbox"/> Other:										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <i>*Check for availability</i>			
Relinquished By: _____ Date: _____ Time: _____ Kyle Farook 12/27 12:00 P				Received By: _____ Date: _____ Time: _____ AC 12-27 16:34				Lab Use Only: <input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop Evidence of cooling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): <u>15.2</u> Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prelog storage: _____									
Lab ID	Client Sample Identification	Date	Time	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 375 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/Metrc ID
1	010307LIRVAP200_PK					X									C		
2	010307LIRVAP200_Llama					X									C		
3	010307LIRVAP200_OCK					X									C		
4	0103LIRVAP200_WB					X									C		
5	0103LIRVAP200_Lava					X									C		
6	0103LIRVAP200_PB					X									C		
7	0103LIRVAP200_SP					X									C		
8	0103LIRVAP200_SG					X									C		
9	0103LIRVAP200_OG					X									C		
10	0103LIRVAP200_STs					X									C		

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

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms
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**Hemp / Cannabis Usable / Extract / Finished Products
Chain of Custody Record**

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

IHC LLC 22-015800



IHC LLC

Company: <u>The Hemp Collect</u> Contact: <u>kyle@thehempcollect.com</u> Street: <u>431 NW Flanders st.</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input checked="" type="checkbox"/> Email Results: <u>dropbox (IHC)</u> Ph: <u>(503) 608164</u> <input type="checkbox"/> Fx Results: () Billing (if different): <u>joel@thehempcollect.com</u>				Analysis Requested										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small>			
Lab ID	Client Sample Identification	Date	Time	Pesticides - OR59 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/Metric ID
1	0102030506LIRVAP_T	G				X									C		Samples #6 & #7: Alternate client name: Vestl Oils
2	0102030506LIRVAP_F	V				X									C		
3	0102030506LIRVAP_G	J				X									C		
4	D8 - Sour Pineapple					X									V		
5	D8 - Lemon Meringue					X									V		
6	D8 Double - SSH					X									V		
7	D8 Double - SHH					X									V		
8																	
9																	
10																	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:									
Kyle Farook		12/27	12:00 F	AC		12-27	12:00 16:34	<input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>15.2</u> Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prelog storage: _____									

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

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms
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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2300024

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.103	0.101	%	102	80.0	- 120	Acceptable	
CBDV	2	0.115	0.110	%	105	80.0	- 120	Acceptable	
CBE	2	0.107	0.106	%	101	80.0	- 120	Acceptable	
CBDA	1	0.101	0.103	%	97.9	90.0	- 110	Acceptable	
CBGA	1	0.102	0.103	%	98.4	80.0	- 120	Acceptable	
CBG	1	0.101	0.104	%	97.7	80.0	- 120	Acceptable	
CBD	1	0.101	0.104	%	97.2	90.0	- 110	Acceptable	
THCV	2	0.104	0.105	%	98.4	80.0	- 120	Acceptable	
d8THCV	2	0.104	0.107	%	97.9	80.0	- 120	Acceptable	
THCVA	2	0.104	0.099	%	106	80.0	- 120	Acceptable	
CBN	1	0.102	0.107	%	94.8	80.0	- 120	Acceptable	
exo-THC	2	0.0997	0.103	%	97.2	80.0	- 120	Acceptable	
d9THC	1	0.109	0.112	%	97.6	90.0	- 110	Acceptable	
d8THC	1	0.0976	0.108	%	90.4	90.0	- 110	Acceptable	
CBL	2	0.0995	0.100	%	99.6	80.0	- 120	Acceptable	
d10THC	1	NA	0.100	%	NA	80.0	- 120	Acceptable	Q6
CBG	2	0.104	0.109	%	95.4	80.0	- 120	Acceptable	
THCA	1	0.0941	0.102	%	92.4	90.0	- 110	Acceptable	
CBCA	2	0.107	0.103	%	103	80.0	- 120	Acceptable	
CBLA	2	0.107	0.105	%	102	80.0	- 120	Acceptable	
CBT	2	0.0931	0.109	%	85.4	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	
CBG	<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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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2300024						
Sample Duplicate		Sample ID: 22-015800-0009						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDA	5.07	5.03	0.077	%	0.829	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBD	0.115	0.131	0.077	%	13.0	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THCV	0.283	0.267	0.077	%	5.99	< 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	79.9	81.1	0.077	%	1.46	< 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	0.139	0.121	0.077	%	13.8	< 20	Acceptable	
CBCA	0.246	0.247	0.077	%	0.443	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBT	0.116	0.120	0.077	%	3.02	< 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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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.