



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



Report Number: 22-001043/D004.R000
Report Date: 02/03/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/27/22 16:45

Customer: IHC LLC
Product identity: 01020506LIRVAP_PW
Client/Metric ID: .
Laboratory ID: 22-001043-0006

Summary

Potency:

Analyte	Result (%)		
CBD	36.9		
CBG†	13.5	CBD CBG CBC CBT CBDV CBE CBN Δ8-THCV THCV Δ9-THC	
CBC	6.04		
CBT†	4.75	CBD CBG CBC CBT CBDV CBE CBN Δ8-THCV THCV Δ9-THC	
CBDV†	3.67		
CBE†	3.61	CBD CBG CBC CBT CBDV CBE CBN Δ8-THCV THCV Δ9-THC	
CBN	3.35		
Δ8-THCV	1.35	CBD CBG CBC CBT CBDV CBE CBN Δ8-THCV THCV Δ9-THC	
THCV†	0.476		
Δ9-THC	0.183	CBD CBG CBC CBT CBDV CBE CBN Δ8-THCV THCV Δ9-THC	

CBD-Total 36.9%

THC-Total 0.183%

(Reported in percent of total sample)



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

Product identity: 01020506LIRVAP_PW

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-001043-0006

Evidence of Cooling: No

Temp: 17.5 °C

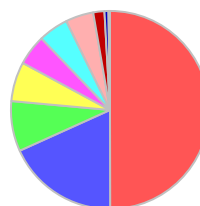
Relinquished by: Client



**THE HEMP
COLLECT**

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Units %	Batch: 2200974	Analyze: 2/3/22 12:00:00 AM
Analyte	As Received	Dry weight	LOQ	Notes
CBC	6.04		0.0911	
CBC-A [†]	< LOQ		0.0911	
CBC-Total [†]	6.04		0.171	
CBD	36.9		0.911	
CBD-A	< LOQ		0.0911	
CBD-Total	36.9		0.991	
CBDV [†]	3.67		0.0911	
CBDV-A [†]	< LOQ		0.0911	
CBDV-Total [†]	3.67		0.170	
CBE [†]	3.61		0.0911	
CBG [†]	13.5		0.0911	
CBG-A [†]	< LOQ		0.0911	
CBG-Total	13.5		0.170	
CBL [†]	< LOQ		0.0911	
CBL-A [†]	< LOQ		0.0911	
CBL-Total [†]	< LOQ		0.171	
CBN	3.35		0.0911	
CBT [†]	4.75		0.0911	
Δ8-THC [†]	< LOQ		0.0911	
Δ8-THCV	1.35		0.0911	
Δ9-THC	0.183		0.0911	
THC-A	< LOQ		0.0911	
THC-Total	0.183		0.171	
THCV [†]	0.476		0.0911	
THCV-A [†]	< LOQ		0.0911	
THCV-Total [†]	0.476		0.170	
Total Cannabinoids[†]	73.8			



● CBD
● CBG
● CBC
● CBT
● CBDV
● CBE
● CBN
● Δ8-THCV
● THCV
● Δ9-THC



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

Abbreviations

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

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

† = Analyte not NELAP accredited.

Units of Measure

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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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

Company: IHC Contact: Kyle Farook Street: 431 NW Flanders st. City: Portland State: OR Zip: 97209 ☐ Email Results: dropbox Ph: (503) 608164 ☐ Fx Results: () Billing (if different): beth@thehempcollect.cor				Analysis Requested										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/Metric ID
1	0103LIRVAP200_ST	1/27				X									E		
2	0103LIRVAP200_SG	1/27				X									E		
3	0103LIRVAP200_OG	1/27				X									E		
4	0103LIRVAP200_SP	1/27				X									E		
5	0103LIRVAP200_PB	1/27				X									E		
6	01020506LIRVAP_PW	1/27				X									E		
7	01020506LIRVAP_FV	1/27				X									E		
8	0107LIRVAP200_OGK	1/27				X									E		
9	01020506LIRBRD_FV	1/27				X									E		
10	01FLT_012722_PP	1/27				X			X						V		
Relinquished By: Kyle Farook		Date: 1/27	Time: 4:45	Received By: DS						Date: 1/27/22	Time: 16:45	Lab Use Only: ☐ Shipped Via: _____ or ☒ Client drop Evidence of cooling: ☐ Yes ☒ No - Temp (°C): 17.5°C Sample in good condition: ☒ Yes ☐ No ☐ Cash ☐ Check ☐ CC ☐ 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
12423 NE Whitaker Way
Portland, OR 97230
P: (503) 254-1794 | Fax: (503) 254-1452
info@columbialaboratories.com
Page _____ of _____
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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: 2200974					
Laboratory Control Sample									
Analyte	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	0.192	0.2	%	95.9	85.0	- 115	Acceptable		
CBDV	0.201	0.2	%	100	85.0	- 115	Acceptable		
CBE	0.196	0.2	%	98.2	85.0	- 115	Acceptable		
CBDA	0.213	0.2	%	107	85.0	- 115	Acceptable		
CBGA	0.192	0.2	%	95.8	85.0	- 115	Acceptable		
CBG	0.188	0.2	%	94.2	85.0	- 115	Acceptable		
CBD	0.206	0.2	%	103	85.0	- 115	Acceptable		
THCV	0.185	0.2	%	92.5	85.0	- 115	Acceptable		
d8THCV	0.188	0.2	%	93.8	85.0	- 115	Acceptable		
THCVA	0.189	0.2	%	94.4	85.0	- 115	Acceptable		
CBN	0.207	0.2	%	103	85.0	- 115	Acceptable		
exo-THC	0.176	0.2	%	88.2	85.0	- 115	Acceptable		
d9THC	0.196	0.2	%	98.0	85.0	- 115	Acceptable		
d8THC	0.171	0.2	%	85.6	85.0	- 115	Acceptable		
CBL	0.184	0.2	%	91.8	85.0	- 115	Acceptable		
CBC	0.182	0.2	%	91.1	85.0	- 115	Acceptable		
THCA	0.204	0.2	%	102	85.0	- 115	Acceptable		
CBCA	0.196	0.2	%	97.9	85.0	- 115	Acceptable		
CBLA	0.198	0.2	%	98.9	85.0	- 115	Acceptable		
CBT	0.226	0.2	%	113	85.0	- 115	Acceptable		

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes	
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable		
CBDV	<LOQ	0.1	%	< 0.1	Acceptable		
CBE	<LOQ	0.1	%	< 0.1	Acceptable		
CBDA	<LOQ	0.1	%	< 0.1	Acceptable		
CBGA	<LOQ	0.1	%	< 0.1	Acceptable		
CBG	<LOQ	0.1	%	< 0.1	Acceptable		
CBD	<LOQ	0.1	%	< 0.1	Acceptable		
THCV	<LOQ	0.1	%	< 0.1	Acceptable		
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable		
THCVA	<LOQ	0.1	%	< 0.1	Acceptable		
CBN	<LOQ	0.1	%	< 0.1	Acceptable		
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable		
d9THC	<LOQ	0.1	%	< 0.1	Acceptable		
d8THC	<LOQ	0.1	%	< 0.1	Acceptable		
CBL	<LOQ	0.1	%	< 0.1	Acceptable		
CBC	<LOQ	0.1	%	< 0.1	Acceptable		
THCA	<LOQ	0.1	%	< 0.1	Acceptable		
CBCA	<LOQ	0.1	%	< 0.1	Acceptable		
CBLA	<LOQ	0.1	%	< 0.1	Acceptable		
CBT	<LOQ	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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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2200974						
Sample Duplicate		Sample ID: 22-001043-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBE	0.241	0.230	0.1	%	4.81	< 20	Acceptable	
CBD A	2.30	2.28	0.1	%	0.721	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	0.232	0.215	0.1	%	7.55	< 20	Acceptable	
CBD	2.58	2.52	0.1	%	2.20	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	0.455	0.427	0.1	%	6.43	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	0.403	0.373	0.1	%	7.70	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	78.1	77.7	0.1	%	0.462	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	0.485	0.477	0.1	%	1.63	< 20	Acceptable	
THCA	0.255	0.245	0.1	%	3.76	< 20	Acceptable	
CBCA	0.249	0.246	0.1	%	0.919	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	0.586	0.521	0.1	%	11.7	< 20	Acceptable	

Abbreviations

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

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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.