



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



**Report Number:** 22-001139/D027.R000  
**Report Date:** 02/08/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/31/22 16:12

**Customer:** IHC LLC  
**Product identity:** 0102030506LIRVAP200\_PW  
**Client/Metric ID:** .  
**Laboratory ID:** 22-001139-0017

### Summary

**Potency:**

Analyte	Result (%)									
Δ8-THC†	57.5									
CBD	6.49									
CBD-A	5.44									
CBG†	4.21									
CBDV-A†	3.67									
CBDV†	1.79									
Δ8-THCV	1.56									
CBT†	0.642									
CBC	0.579									
CBN	0.379									
CBC-A†	0.373									
CBE†	0.323									
THCV†	0.254									
THC-A	0.206									
THCV-A†	0.161									
CBG-A†	0.134									
				<table border="1"> <tr> <td>CBD-Total</td> <td>11.3%</td> </tr> <tr> <td>THC-Total</td> <td>0.181%</td> </tr> <tr> <td colspan="2">(Reported in percent of total sample)</td> </tr> </table>	CBD-Total	11.3%	THC-Total	0.181%	(Reported in percent of total sample)	
CBD-Total	11.3%									
THC-Total	0.181%									
(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)

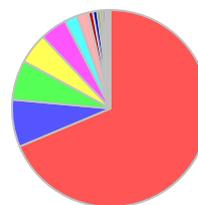
**Product identity:** 0102030506LIRVAP200\_PW  
**Client/Metric ID:** .  
**Sample Date:** .  
**Laboratory ID:** 22-001139-0017  
**Evidence of Cooling:** No  
**Temp:** 20.3 °C  
**Relinquished by:** Client



**THE HEMP  
 COLLECT**

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2201060	Analyze: 2/4/22 5:11:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	0.579		0.0894			
CBC-A†	0.373		0.0894			
CBC-Total†	0.906		0.168			
CBD	6.49		0.0894			
CBD-A	5.44		0.0894			
CBD-Total	11.3		0.168			
CBDV†	1.79		0.0894			
CBDV-A†	3.67		0.0894			
CBDV-Total†	4.97		0.167			
CBE†	0.323		0.0894			
CBG†	4.21		0.0894			
CBG-A†	0.134		0.0894			
CBG-Total	4.33		0.167			
CBL†	< LOQ		0.0894			
CBL-A†	< LOQ		0.0894			
CBL-Total†	< LOQ		0.168			
CBN	0.379		0.0894			
CBT†	0.642		0.0894			
Δ8-THC†	57.5		0.894			
Δ8-THCV	1.56		0.0894			
Δ9-THC	< LOQ		0.0894			
THC-A	0.206		0.0894			
THC-Total	0.181		0.168			
THCV†	0.254		0.0894			
THCV-A†	0.161		0.0894			
THCV-Total†	0.395		0.167			
<b>Total Cannabinoids†</b>	<b>83.7</b>					



- Δ8-THC
- CBD
- CBD-A
- CBG
- CBDV-A
- CBDV
- Δ8-THCV
- CBT
- CBC
- CBN
- CBC-A
- CBE
- THC
- THC-A
- CBG-A

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

Testing in accordance with: OAR 333-007-0430



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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 <input type="checkbox"/> Email Results: dropbox Ph: (503) 608164 <input type="checkbox"/> Fx Results: ( ) Billing (if different): beth@thehempcollect.com				<b>Analysis Requested</b>										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 - 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	0102030506LIRVAP200-FV	1/31				X									C		
2	0102030506LIRVAP200-TG	1/31				X									C		
3	010307LIRVAP200-OGK	1/31				X									C		
4	010307LIRVAP200-Ilama	1/31				X									C		
5	010307LIRVAP200-lava	1/31				X									C		
6	010307LIRVAP200-PP	1/31				X									C		
7	01LIRVAP200-ST	1/31				X									C		
8	01LIRVAP200-SG	1/31				X									C		
9	01LIRVAP200-PB	1/31				X									C		
10	01LIRVAP200-OG	1/31				X									C		
Relinquished By:			Date	Time	Received By:			Date	Time	Lab Use Only:							
Kyle Farook			1/31	4:30	Jmv			1/31/22	16:12	<input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): 20.3 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  
 12423 NE Whitaker Way Portland, OR 97230 P: (503) 254-1794 | Fax: (503) 254-1452 info@columbiaboratories.com Page \_\_\_\_\_ of \_\_\_\_\_ www.columbiaboratories.com



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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: <b>IHC</b> Contact: <b>Kyle Farook</b> Street: <b>431 NW Flanders st.</b> City: <b>Portland</b> State: <b>OR</b> Zip: <b>97209</b> <input type="checkbox"/> Email Results: <b>dropbox</b> Ph: <b>(503) 6081664</b> <input type="checkbox"/> Fx Results: ( ) Billing (if different): <b>beth@thehempcollect.com</b>				<b>Analysis Requested</b> 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:										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>																																																																																																																																																																																																					
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Hemp / Cannabis Usable / Extract / Finished Products  
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21	010307LIRBDR200-06K	1/31				X									C		
22	01LIRS06-200-SP	1/31				X									C		
23	01LIRS06-200-PB	1/31				X									C		
24	01LIRS06-200-06	1/31				X									C		
25	01020506LIRBDR200-T6	1/31				X									C		
26	0107LIRBDR200-06K	1/31				X									C		
27	0107LIRBDR200-PP	1/31				X									C		
28	01LIRCRM200-PB	1/31				X									C		
29	01LIRCRM200-SP	1/31				X									C		
30	0105FLTBMCFV	1/31				X			X						V		
Relinquished By:			Date	Time	Received By:			Date	Time	Lab Use Only:							
Kyle Farook			1/31	4:30	Amu			1/31/22	16:17	<input type="checkbox"/> Shipped Via: _____ of <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): 20.3 Sample in good condition: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: _____ Prelog storage: _____							

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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: 2201060						
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDVA	0.185	0.2	%	92.7	85.0 - 115	Acceptable		
CBDV	0.208	0.2	%	104	85.0 - 115	Acceptable		
CBE	0.192	0.2	%	95.9	85.0 - 115	Acceptable		
CBDA	0.210	0.2	%	105	85.0 - 115	Acceptable		
CBGA	0.186	0.2	%	92.9	85.0 - 115	Acceptable		
CBG	0.190	0.2	%	95.2	85.0 - 115	Acceptable		
CBD	0.207	0.2	%	104	85.0 - 115	Acceptable		
THCV	0.187	0.2	%	93.4	85.0 - 115	Acceptable		
d8THCV	0.181	0.2	%	90.7	85.0 - 115	Acceptable		
THCVA	0.183	0.2	%	91.6	85.0 - 115	Acceptable		
CBN	0.204	0.2	%	102	85.0 - 115	Acceptable		
exo-THC	0.174	0.2	%	87.2	85.0 - 115	Acceptable		
d9THC	0.200	0.2	%	99.8	85.0 - 115	Acceptable		
d8THC	0.176	0.2	%	88.2	85.0 - 115	Acceptable		
CBL	0.180	0.2	%	89.9	85.0 - 115	Acceptable		
CBC	0.184	0.2	%	91.8	85.0 - 115	Acceptable		
THCA	0.200	0.2	%	99.9	85.0 - 115	Acceptable		
CBCA	0.189	0.2	%	94.4	85.0 - 115	Acceptable		
CBLA	0.200	0.2	%	100	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



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



**Report Number:** 22-001139/D027.R000  
**Report Date:** 02/08/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/31/22 16:12

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**Laboratory Quality Control Results**

J AOAC 2015 V98-6								
Batch ID: 2201060								
Sample Duplicate								
Sample ID: 22-001139-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	3.77	3.76	0.1	%	0.129	< 20	Acceptable	
CBDV	1.74	1.74	0.1	%	0.178	< 20	Acceptable	
CBE	0.336	0.331	0.1	%	1.55	< 20	Acceptable	
CBDA	5.57	5.56	0.1	%	0.181	< 20	Acceptable	
CBGA	0.143	0.143	0.1	%	0.145	< 20	Acceptable	
CBG	4.34	4.33	0.1	%	0.264	< 20	Acceptable	
CBD	6.51	6.40	0.1	%	1.73	< 20	Acceptable	
THCV	0.272	0.266	0.1	%	2.12	< 20	Acceptable	
d8THCV	1.65	1.64	0.1	%	0.661	< 20	Acceptable	
THCVA	0.180	0.179	0.1	%	0.427	< 20	Acceptable	
CBN	0.410	0.404	0.1	%	1.46	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	57.9	57.8	0.1	%	0.132	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	0.593	0.604	0.1	%	1.87	< 20	Acceptable	
THCA	0.212	0.213	0.1	%	0.245	< 20	Acceptable	
CBCA	0.420	0.420	0.1	%	0.0228	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	0.782	0.644	0.1	%	19.5	< 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.