



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



**Report Number:** 22-000388/D003.R001  
**Report Date:** 01/17/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/12/22 15:40

This is an amended version of report# 22-000388/D003.R000.  
Reason: Updated reporting units.

**Customer:** IHC LLC  
**Product identity:** 0103LIRCML301  
**Client/Metric ID:** .  
**Laboratory ID:** 22-000388-0002

### Summary

**Potency:**

Analyte per 18g	Result	Limits	Units	Status	
CBD-A per 18g	3.74		mg/18g		CBD-Total per 18g 3.28 mg/18g
Δ8-THC per 18g†	48.6		mg/18g		THC-Total per 18g <LOQ
(Reported in milligrams per serving)					



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

**Product identity:** 0103LIRCML301  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 22-000388-0002  
**Evidence of Cooling:** No  
**Temp:** 21.1 °C  
**Relinquished by:** Client  
**Serving Size #1:** 18 g

### Sample Results

Potency per 18g					
Method J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2200368 Analyze: 1/14/22 5:24:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 18g†	< LOQ		mg/18g	0.591	
CBC-A per 18g†	< LOQ		mg/18g	0.591	
CBC-Total per 18g†	< LOQ		mg/18g	1.11	
CBD per 18g	< LOQ		mg/18g	0.591	
CBD-A per 18g	3.74		mg/18g	0.591	
CBD-Total per 18g	3.28		mg/18g	1.11	
CBDV per 18g†	< LOQ		mg/18g	0.591	
CBDV-A per 18g†	< LOQ		mg/18g	0.591	
CBDV-Total per 18g†	< LOQ		mg/18g	1.10	
CBE per 18g†	< LOQ		mg/18g	0.591	
CBG per 18g†	< LOQ		mg/18g	0.591	
CBG-A per 18g†	< LOQ		mg/18g	0.591	
CBG-Total per 18g†	< LOQ		mg/18g	1.10	
CBL per 18g†	< LOQ		mg/18g	0.591	
CBL-A per 18g†	< LOQ		mg/18g	0.591	
CBL-Total per 18g†	< LOQ		mg/18g	1.11	
CBN per 18g	< LOQ		mg/18g	0.591	
CBT per 18g†	< LOQ		mg/18g	0.591	
Δ8-THCV per 18g†	< LOQ		mg/18g	0.591	
Δ8-THC per 18g†	48.6		mg/18g	0.591	
Δ9-THC per 18g	< LOQ		mg/18g	0.591	
exo-THC per 18g†	< LOQ		mg/18g	0.591	
THC-A per 18g	< LOQ		mg/18g	0.591	
THC-Total per 18g	< LOQ		mg/18g	1.11	
THCV per 18g†	< LOQ		mg/18g	0.591	
THCV-A per 18g†	< LOQ		mg/18g	0.591	
THCV-Total per 18g†	< LOQ		mg/18g	1.11	
Total Cannabinoids per 18g	52.3		mg/18g		



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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**

g = Gram

mg/18g = Milligram per 18g

% = Percentage of sample

% wt =  $\mu\text{g/g}$  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> <input type="checkbox"/> Pesticides - OR 59 compounds <input type="checkbox"/> Pesticide Multi-Residue - 379 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* <small>*Check for availability</small> 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	01LIRCML301	1/12				X									E		-Report all 3 samples in mg_analyte per 18g unit size.
2	0103LIRCML301	1/12				X									E		-For Sample #2, please provide reports with alternate client names: -Knuckleheads CBD -E-Titan -Green Monkey -Humble Holistic
3	0109CML301	1/12				X									E		-Rush potency for samples #1 & #2
4																	
5																	
6																	
7																	
8																	
9																	
10																	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:									
Kyle Farook		1/12	3:30	DS		1/12/22	15:40	<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): 21.1°C 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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Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

**Laboratory Quality Control Results**

J AOAC 2015 V98-6								
Batch ID: 2200368								
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	0.00992	0.01	%	99.2	85.0	- 115	Acceptable	
CBDV	0.00999	0.01	%	99.9	85.0	- 115	Acceptable	
CBE	0.0103	0.01	%	103	85.0	- 115	Acceptable	
CBDA	0.0106	0.01	%	106	85.0	- 115	Acceptable	
CBGA	0.00992	0.01	%	99.2	85.0	- 115	Acceptable	
CBG	0.00994	0.01	%	99.4	85.0	- 115	Acceptable	
CBD	0.0106	0.01	%	106	85.0	- 115	Acceptable	
THCV	0.00970	0.01	%	97.0	85.0	- 115	Acceptable	
d8THCV	0.0102	0.01	%	102	85.0	- 115	Acceptable	
THCVA	0.00954	0.01	%	95.4	85.0	- 115	Acceptable	
CBN	0.00999	0.01	%	99.9	85.0	- 115	Acceptable	
exo-THC	0.00958	0.01	%	95.8	85.0	- 115	Acceptable	
d9THC	0.00980	0.01	%	98.0	85.0	- 115	Acceptable	
d8THC	0.00880	0.01	%	88.0	85.0	- 115	Acceptable	
CBL	0.00927	0.01	%	92.7	85.0	- 115	Acceptable	
CBC	0.00898	0.01	%	89.8	85.0	- 115	Acceptable	
THCA	0.0105	0.01	%	105	85.0	- 115	Acceptable	
CBCA	0.00978	0.01	%	97.8	85.0	- 115	Acceptable	
CBLA	0.00992	0.01	%	99.2	85.0	- 115	Acceptable	
CBT	0.00866	0.01	%	86.6	85.0	- 115	Acceptable	

**Method Blank**

Analyte	Result	LOQ	Units	Limits		Evaluation	Notes
CBDVA	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBDV	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBE	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBDA	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBGA	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBG	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBD	<LOQ	0.0006	%	< 0.0006		Acceptable	
THCV	<LOQ	0.0006	%	< 0.0006		Acceptable	
d8THCV	<LOQ	0.0006	%	< 0.0006		Acceptable	
THCVA	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBN	<LOQ	0.0006	%	< 0.0006		Acceptable	
exo-THC	<LOQ	0.0006	%	< 0.0006		Acceptable	
d9THC	<LOQ	0.0006	%	< 0.0006		Acceptable	
d8THC	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBL	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBC	<LOQ	0.0006	%	< 0.0006		Acceptable	
THCA	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBCA	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBLA	<LOQ	0.0006	%	< 0.0006		Acceptable	
CBT	<LOQ	0.0006	%	< 0.0006		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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Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

**Laboratory Quality Control Results**

J AOAC 2015 V98-6		Batch ID: 2200368						
Sample Duplicate		Sample ID: 22-000100-0001-01						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBD A	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBD	0.117	0.118	0.0006	%	0.600	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.0006	%	NA	< 20	Acceptable	

**Abbreviations**

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

**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.