



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



Report Number: 22-002130/D002.R001
Report Date: 03/03/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/24/22 09:29

This is an amended version of report# 22-002130/D002.R000.
 Reason: Updated reporting units.

Customer: IHC LLC
Product identity: 0109CML301
Client/Metric ID: .
Laboratory ID: 22-002130-0003

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD-A	0.0202		%		THC-Total per 16g 40.5 mg/16g
Δ8-THC†	0.0113		%		
Δ9-THC	0.253		%		CBD-Total per 16g 2.84 mg/16g
Analyte per 16g	Result	Limits	Units	Status	(Reported in milligrams per serving)
CBD-A per 16g	3.23		mg/16g		
Δ8-THC per 16g†	1.81		mg/16g		
Δ9-THC per 16g	40.5		mg/16g		



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

Product identity: 0109CML301
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-002130-0003
Evidence of Cooling: No
Temp: 12.6 °C
Relinquished by: Client
Serving Size #1: 16 g



**THE HEMP
COLLECT**

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Units %	Batch: 2201727	Analyze: 2/28/22 11:41:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.0033	
CBC-A†	< LOQ		%	0.0033	
CBC-Total†	< LOQ		%	0.0061	
CBD	< LOQ		%	0.0033	
CBD-A	0.0202		%	0.0033	
CBD-Total	0.0177		%	0.0061	
CBDV†	< LOQ		%	0.0033	
CBDV-A†	< LOQ		%	0.0033	
CBDV-Total†	< LOQ		%	0.0061	
CBE†	< LOQ		%	0.0033	
CBG†	< LOQ		%	0.0033	
CBG-A†	< LOQ		%	0.0033	
CBG-Total	< LOQ		%	0.0061	
CBL†	< LOQ		%	0.0033	
CBL-A†	< LOQ		%	0.0033	
CBL-Total†	< LOQ		%	0.0061	
CBN	< LOQ		%	0.0033	
CBT†	< LOQ		%	0.0033	
Δ8-THCV	< LOQ		%	0.0033	
Δ8-THC†	0.0113		%	0.0033	
Δ9-THC	0.253		%	0.0033	
THC-A	< LOQ		%	0.0033	
THC-Total	0.253		%	0.0061	
THCV†	< LOQ		%	0.0033	
THCV-A†	< LOQ		%	0.0033	
THCV-Total†	< LOQ		%	0.0061	
Total Cannabinoids†	0.285		%		

Potency per 16g	Method J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2201727	Analyze: 2/28/22 11:41:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 16g†	< LOQ		mg/16g	0.0328	



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Potency per 16g **Method** J AOAC 2015 V98-6 (mod) **Units** mg/se **Batch:** 2201727 **Analyze:** 2/28/22 11:41:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBC-A per 16g [†]	< LOQ		mg/16g	0.0328	
CBC-Total per 16g [†]	< LOQ		mg/16g	0.0615	
CBD per 16g	< LOQ		mg/16g	0.0328	
CBD-A per 16g	3.23		mg/16g	0.524	
CBD-Total per 16g	2.84		mg/16g	0.984	
CBDV per 16g [†]	< LOQ		mg/16g	0.0328	
CBDV-A per 16g [†]	< LOQ		mg/16g	0.0328	
CBDV-Total per 16g [†]	< LOQ		mg/16g	0.0611	
CBE per 16g [†]	< LOQ		mg/16g	0.0328	
CBG per 16g [†]	< LOQ		mg/16g	0.0328	
CBG-A per 16g [†]	< LOQ		mg/16g	0.0328	
CBG-Total per 16g [†]	< LOQ		mg/16g	0.0611	
CBL per 16g [†]	< LOQ		mg/16g	0.0328	
CBL-A per 16g [†]	< LOQ		mg/16g	0.0328	
CBL-Total per 16g [†]	< LOQ		mg/16g	0.0615	
CBN per 16g	< LOQ		mg/16g	0.0328	
CBT per 16g [†]	< LOQ		mg/16g	0.0328	
Δ8-THCV per 16g [†]	< LOQ		mg/16g	0.0328	
Δ8-THC per 16g [†]	1.81		mg/16g	0.524	
Δ9-THC per 16g	40.5		mg/16g	0.524	
exo-THC per 16g [†]	< LOQ		mg/16g	0.0328	
THC-A per 16g	< LOQ		mg/16g	0.0328	
THC-Total per 16g	40.5		mg/16g	0.984	
THCV per 16g [†]	< LOQ		mg/16g	0.0328	
THCV-A per 16g [†]	< LOQ		mg/16g	0.0328	
THCV-Total per 16g [†]	< LOQ		mg/16g	0.0615	
Total Cannabinoids per 16g	45.5		mg/16g		



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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/16g = Milligram per 16g

% = 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				Analysis Requested 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:										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>		
Lab ID	Client Sample Identification	Date	Time											Sample Type †	Weight (Units)	Comments/Metric ID
1	03DST212	2/24			X	X	X							C		
2	05ISO216	2/24				X								I		
3	0109CML301	2/24				X								E		
4																
5																
6																
7																
8																
9																
10																
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:								
Kyle Farook		2/24	10:00 A	DS		2/24/22	9:29	<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): 12.6°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

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www.columbiaboratories.com



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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: 2201727

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.00957	0.00967	%	99.0	80.0 - 120	Acceptable	
CBDV	0.00974	0.00981	%	99.3	80.0 - 120	Acceptable	
CBE	0.00972	0.0100	%	97.2	80.0 - 120	Acceptable	
CBDA	0.0109	0.0100	%	109	80.0 - 120	Acceptable	
CBGA	0.00957	0.00946	%	101	80.0 - 120	Acceptable	
CBG	0.00965	0.0101	%	95.5	80.0 - 120	Acceptable	
CBD	0.0102	0.0100	%	102	80.0 - 120	Acceptable	
THCV	0.00927	0.00980	%	94.6	80.0 - 120	Acceptable	
d8THCV	0.00960	0.0100	%	96.0	80.0 - 120	Acceptable	
THCVA	0.00915	0.00928	%	98.6	80.0 - 120	Acceptable	
CBN	0.00992	0.0100	%	99.2	80.0 - 120	Acceptable	
exo-THC	0.00831	0.0100	%	83.1	80.0 - 120	Acceptable	
d9THC	0.00933	0.0100	%	93.3	80.0 - 120	Acceptable	
d8THC	0.00845	0.00978	%	86.4	80.0 - 120	Acceptable	
CBL	0.00737	0.00909	%	81.1	80.0 - 120	Acceptable	
CBC	0.00871	0.0102	%	85.1	80.0 - 120	Acceptable	
THCA	0.0113	0.0100	%	113	80.0 - 120	Acceptable	
CBCA	0.00963	0.00972	%	99.1	80.0 - 120	Acceptable	
CBLA	0.00997	0.0100	%	99.7	80.0 - 120	Acceptable	
CBT	0.00659	0.0100	%	65.9	80.0 - 120	Acceptable	Q6

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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Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6								
Batch ID: 2201727								
Sample Duplicate								
Sample ID: 22-001970-0003-01								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBE	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00775	0.00763	0.003	%	1.52	< 20	Acceptable	
CBD	0.00530	0.00537	0.003	%	1.45	< 20	Acceptable	
THCV	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.128	0.128	0.003	%	0.258	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.245	0.243	0.003	%	0.769	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBL	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.00433	0.00412	0.003	%	4.89	< 20	Acceptable	
THCA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	< LOQ	< LOQ	0.003	%	NA	< 20	Acceptable	
CBT	< LOQ	< LOQ	0.003	%	NA	< 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.