



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



Report Number: 21-013092/D005.R001
Report Date: 11/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 11/05/21 15:45

This is an amended version of report# 21-013092/D005.R000.
Reason: Updated reporting units.

Customer: IHC LLC
Product identity: 03CML301
Client/Metric ID: .
Laboratory ID: 21-013092-0002

Summary

Potency:

Analyte per 18g	Result	Limits	Units	Status	
Δ 8-THC per 18g [†]	42.7		mg/18g		CBD-Total per 18g <LOQ
					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: 03CML301
Client/Metric ID: .
Sample Date:
Laboratory ID: 21-013092-0002
Evidence of Cooling: No
Temp: 20.5 °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: 2110104 Analyze: 11/9/21 1:54:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 18g†	< LOQ		mg/18g	0.529	
CBC-A per 18g†	< LOQ		mg/18g	0.529	
CBC-Total per 18g†	< LOQ		mg/18g	0.994	
CBD per 18g	< LOQ		mg/18g	0.529	
CBD-A per 18g	< LOQ		mg/18g	0.529	
CBD-Total per 18g	< LOQ		mg/18g	0.994	
CBDV per 18g†	< LOQ		mg/18g	0.529	
CBDV-A per 18g†	< LOQ		mg/18g	0.529	
CBDV-Total per 18g†	< LOQ		mg/18g	0.988	
CBE per 18g†	< LOQ		mg/18g	0.529	
CBG per 18g†	< LOQ		mg/18g	0.529	
CBG-A per 18g†	< LOQ		mg/18g	0.529	
CBG-Total per 18g†	< LOQ		mg/18g	0.988	
CBL per 18g†	< LOQ		mg/18g	0.529	
CBL-A per 18g†	< LOQ		mg/18g	0.529	
CBL-Total per 18g†	< LOQ		mg/18g	0.994	
CBN per 18g	< LOQ		mg/18g	0.529	
CBT per 18g†	< LOQ		mg/18g	0.529	
Δ8-THCV per 18g†	< LOQ		mg/18g	0.529	
Δ8-THC per 18g†	42.7		mg/18g	0.595	
Δ9-THC per 18g	< LOQ		mg/18g	0.529	
exo-THC per 18g†	< LOQ		mg/18g	0.529	
THC-A per 18g	< LOQ		mg/18g	0.529	
THC-Total per 18g	< LOQ		mg/18g	0.994	
THCV per 18g†	< LOQ		mg/18g	0.529	
THCV-A per 18g†	< LOQ		mg/18g	0.529	
THCV-Total per 18g†	< LOQ		mg/18g	0.994	
Total Cannabinoids per 18g	42.7		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: <u>IHC</u> Contact: <u>Kyle Farook</u> Street: <u>431 NW Flanders st.</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input type="checkbox"/> Email Results: <u>Dropbox</u> Ph: (<u>503</u>) <u>608164</u> <input type="checkbox"/> Fx Results: (____) Billing (if different): <u>beth@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 - 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	0103SFT304	11/5				X									E	0.75g/unit	
2	03CML301	11/5				X									E	16g/unit	
3	01LIR209_1029_PB	11/5				X	X		X						C		
4	01LIR209_1029_PW	11/5				X			X						C		
5																	
6																	
7																	
8																	
9																	
10																	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:									
Kyle Farook		11/5	1:30	<u>FD</u>		11/5/21	15:45	<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>20.8</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
 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 #: 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: 2110104							
Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.01000	0.01	%	100.0	85.0 - 115	Acceptable	
CBDV	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBE	0.0104	0.01	%	104	85.0 - 115	Acceptable	
CBDA	0.0103	0.01	%	103	85.0 - 115	Acceptable	
CBGA	0.0100	0.01	%	100	85.0 - 115	Acceptable	
CBG	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBD	0.0114	0.01	%	114	85.0 - 115	Acceptable	
THCV	0.00990	0.01	%	99.0	85.0 - 115	Acceptable	
d8THCV	0.0100	0.01	%	100	85.0 - 115	Acceptable	
THCVA	0.00972	0.01	%	97.2	85.0 - 115	Acceptable	
CBN	0.0106	0.01	%	106	85.0 - 115	Acceptable	
exo-THC	0.00948	0.01	%	94.8	85.0 - 115	Acceptable	
d9THC	0.0101	0.01	%	101	85.0 - 115	Acceptable	
d8THC	0.0100	0.01	%	100	85.0 - 115	Acceptable	
CBL	0.00936	0.01	%	93.6	85.0 - 115	Acceptable	
CBC	0.0101	0.01	%	101	85.0 - 115	Acceptable	
THCA	0.0105	0.01	%	105	85.0 - 115	Acceptable	
CBCA	0.00991	0.01	%	99.1	85.0 - 115	Acceptable	
CBLA	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBT	0.00947	0.01	%	94.7	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBDA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<LOQ	0.003	%	< 0.003	Acceptable	
d8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	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: 2110104								
Sample Duplicate								
Sample ID: 21-013000-0001								
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	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 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	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.176	0.175	0.003	%	0.367	< 20	Acceptable	
d8THC	0.00543	0.00554	0.003	%	1.96	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 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
- 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.