



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



Report Number: 22-002130/D003.R000
Report Date: 03/03/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/24/22 09:29

Customer: IHC LLC
Product identity: 05ISO216
Client/Metric ID: .
Laboratory ID: 22-002130-0002

Summary

Potency:

Analyte	Result (%)		
CBDV ¹	89.0		CBD-Total 6.45%
CBD	6.45		THC-Total <LOQ (Reported in percent of total sample)



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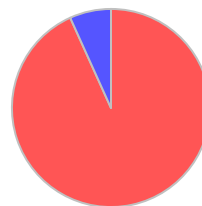
Customer: IHC LLC
 825 NW 16th Ave
 Portland Oregon 97209
 United States of America (USA)

Product identity: 05ISO216
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-002130-0002
Evidence of Cooling: No
Temp: 12.6 °C
Relinquished by: Client



Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Units %	Batch: 2201736	Analyze: 2/28/22 12:19:00 PM
Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0955	
CBC-A†	< LOQ		0.0955	
CBC-Total†	< LOQ		0.179	
CBD	6.45		0.0955	
CBD-A	< LOQ		0.0955	
CBD-Total	6.45		0.179	
CBDV†	89.0		0.955	
CBDV-A†	< LOQ		0.0955	
CBDV-Total†	89.0		1.04	
CBE†	< LOQ		0.0955	
CBG†	< LOQ		0.0955	
CBG-A†	< LOQ		0.0955	
CBG-Total	< LOQ		0.178	
CBL†	< LOQ		0.0955	
CBL-A†	< LOQ		0.0955	
CBL-Total†	< LOQ		0.179	
CBN	< LOQ		0.0955	
CBT†	< LOQ		0.0955	
Δ8-THC†	< LOQ		0.0955	
Δ8-THCV	< LOQ		0.0955	
Δ9-THC	< LOQ		0.0955	
THC-A	< LOQ		0.0955	
THC-Total	< LOQ		0.179	
THCV†	< LOQ		0.0955	
THCV-A†	< LOQ		0.0955	
THCV-Total†	< LOQ		0.178	
Total Cannabinoids†	95.5			



● CBDV
 ● CBD



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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#: C7020 Rev 02/24/2021 EIE 03/04/2021
ORELAP ID: OR300038

Company: IHC Contact: Kyle Farook Street: 431 NW Flanders St City: Portland State: OR Zip: 97209 <input type="checkbox"/> Email Results: dropbox F#: (503) 5061548 <input type="checkbox"/> Fax Results: _____ Billing (if different): beth@thehampcollect.co				Analysis Requested <input type="checkbox"/> Potables - 01-99 compounds <input checked="" type="checkbox"/> Potable Multi-Residue - 378 compounds <input type="checkbox"/> Potency <input checked="" 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: _____										PD 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 Flash Turnaround* <small>*Check for availability</small> Sampled by: _____			
Lab ID	Client Sample Identification	Date	Time	Potables - 01-99 compounds	Potable Multi-Residue - 378 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	03DST212	2/24			X	X	X					X			C		
2	05ISO216	2/24				X									I		
3	0109CML301	2/24				X									E		
4																	
5																	
6																	
7																	
8																	
9																	
10																	
Acquired 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 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 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: _____									

1 - Sample Type Codes: Vegetation (V) ; Isolates (I) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories will bring responsibility on the client to provide for services to accompany with the correct type of sample collected with the CXC. By stating "I am responsible" you are agreeing to these terms.

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P: (503) 254-1794 | Fax: (503) 254-1482
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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2201736

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDA	0.199	0.2	%	99.5	85.0 - 115	Acceptable	
CBV	0.227	0.2	%	114	85.0 - 115	Acceptable	
CBF	0.189	0.2	%	94.6	85.0 - 115	Acceptable	
CBDA	0.210	0.2	%	105	85.0 - 115	Acceptable	
CBGA	0.195	0.2	%	97.7	85.0 - 115	Acceptable	
CBG	0.205	0.2	%	102	85.0 - 115	Acceptable	
CB	0.199	0.2	%	99.7	85.0 - 115	Acceptable	
THCV	0.190	0.2	%	95.0	85.0 - 115	Acceptable	
d8THCV	0.189	0.2	%	94.3	85.0 - 115	Acceptable	
THCA	0.190	0.2	%	95.1	85.0 - 115	Acceptable	
CBN	0.205	0.2	%	102	85.0 - 115	Acceptable	
exo-THC	0.177	0.2	%	88.6	85.0 - 115	Acceptable	
d8THC	0.199	0.2	%	99.3	85.0 - 115	Acceptable	
d8THC	0.196	0.2	%	98.1	85.0 - 115	Acceptable	
CB	0.181	0.2	%	90.4	85.0 - 115	Acceptable	
CB	0.206	0.2	%	103	85.0 - 115	Acceptable	
THCA	0.203	0.2	%	102	85.0 - 115	Acceptable	
CBGA	0.199	0.2	%	99.3	85.0 - 115	Acceptable	
CBA	0.200	0.2	%	99.9	85.0 - 115	Acceptable	
CB	0.183	0.2	%	91.5	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDA	< LOQ	0.1	%	< 0.1	Acceptable	
CBV	< LOQ	0.1	%	< 0.1	Acceptable	
CBF	< 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	
CB	< LOQ	0.1	%	< 0.1	Acceptable	
THCV	< LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	< LOQ	0.1	%	< 0.1	Acceptable	
THCA	< LOQ	0.1	%	< 0.1	Acceptable	
CBN	< LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	< LOQ	0.1	%	< 0.1	Acceptable	
d8THC	< LOQ	0.1	%	< 0.1	Acceptable	
d8THC	< LOQ	0.1	%	< 0.1	Acceptable	
CB	< LOQ	0.1	%	< 0.1	Acceptable	
CB	< LOQ	0.1	%	< 0.1	Acceptable	
THCA	< LOQ	0.1	%	< 0.1	Acceptable	
CBGA	< LOQ	0.1	%	< 0.1	Acceptable	
CBA	< LOQ	0.1	%	< 0.1	Acceptable	
CB	< 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

JAOAC2015 V986		Batch ID: 2201736						
Sample Duplicate		Sample ID: 22-002126-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBV	0.386	0.411	0.1	%	6.42	< 20	Acceptable	
CB	0.663	0.725	0.1	%	8.99	< 20	Acceptable	
CBDA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBG	0.204	0.220	0.1	%	7.47	< 20	Acceptable	
CB	83.0	90.0	0.1	%	8.18	< 20	Acceptable	
THCV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBN	0.519	0.549	0.1	%	5.68	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CB	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CB	0.895	0.951	0.1	%	6.07	< 20	Acceptable	
THCA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable	
CB	0.582	0.589	0.1	%	1.19	< 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.