



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



Report Number: 22-002509/D008.R000
Report Date: 03/09/2022
ORELAP#: OR100028
Purchase Order:
Received: 03/03/22 16:51

Customer: IHC LLC
Product identity: 12ISO
Client/Metric ID: .
Laboratory ID: 22-002509-0001

Summary

Potency:

Analyte	Result (%)			
CBG-A†	88.9	<ul style="list-style-type: none"> ● CBG-A ● CBD-A ● 9-THC ● THC-A 	CBD-Total	1.00%
CBD-A	1.14		THC-Total	0.364%
Δ9-THC	0.251		(Reported in percent of total sample)	
THC-A	0.129			



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

Product identity: 12ISO
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-002509-0001
Evidence of Cooling: No
Temp: 19.4 °C
Relinquished by: Client



Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2202014	Analyze: 3/9/22 9:13:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0912			
CBC-A†	< LOQ		0.0912			
CBC-Total†	< LOQ		0.171			
CBD	< LOQ		0.0912			
CBD-A	1.14		0.0912			
CBD-Total	1.00		0.171			
CBDV†	< LOQ		0.0912			
CBDV-A†	< LOQ		0.0912			
CBDV-Total†	< LOQ		0.170			
CBE†	< LOQ		0.0912			
CBG†	< LOQ		0.0912			
CBG-A†	88.9		0.912			
CBG-Total	78.0		0.881			
CBL†	< LOQ		0.0912			
CBL-A†	< LOQ		0.0912			
CBL-Total†	< LOQ		0.171			
CBN	< LOQ		0.0912			
CBT†	< LOQ		0.0912			
Δ8-THC†	< LOQ		0.0912			
Δ8-THCV	< LOQ		0.0912			
Δ9-THC	0.251		0.0912			
THC-A	0.129		0.0912			
THC-Total	0.364		0.171			
THCV†	< LOQ		0.0912			
THCV-A†	< LOQ		0.0912			
THCV-Total†	< LOQ		0.170			
Total Cannabinoids†	90.4					





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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: CPD23 Rev 01/24/2021 Eff: 03/04/2021
 ORELAP ID: DR000008

Company: <u>BHC</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> No: (51) 608164 <input type="checkbox"/> Fax Results: () Billing (if different): <u>beth@thehempcollect.com</u>				Analysis Requested <input type="checkbox"/> Pesticides - All 19 compounds <input checked="" type="checkbox"/> Pesticide Multi-Residue - 376 compounds <input type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Volatiles & 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>						
Lab ID	Client Sample Identification	Date	Time	Pesticides - All 19 compounds	Pesticide Multi-Residue - 376 compounds	Potency	Residual Solvents	Volatiles & 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	12ISO	3/3		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											- Please return remainder of sample #1 to client.	
2	01020508LIR...FV	3/3			<input checked="" type="checkbox"/>													
3	01020508LIR...TG	3/3			<input checked="" type="checkbox"/>													
4	0103FTS101_Lifter	3/3			<input checked="" type="checkbox"/>													
5	0103FTS103_LegendC	3/3			<input checked="" type="checkbox"/>													
6	0103FTS103_Gushers	3/3			<input checked="" type="checkbox"/>													
7	01FLT113_GF	3/3			<input checked="" type="checkbox"/>													
8																		
9																		
10																		
Relinquished By: <u>Kyle Farook</u>		Date: <u>3/3</u>	Time: <u>4:45</u>	Received By: <u>DS</u>		Date: <u>3/9/22</u>	Time: <u>16:51</u>	Lab Use Only: <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) <u>19.4°C</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 (I) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

By signing this Chain of Custody Record, you are agreeing to these terms:
 12423 NE Whitaker Way Portland, OR 97230 P: (503) 254-1794 F: (503) 254-1267 www.columbialaboratories.com



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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 086							
Batch ID: 220201							
Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV	0.201	0.20C	%	100	80.0 - 120	Acceptabl	
CBD'	0.223	0.20C	%	112	80.0 - 120	Acceptabl	
CBF	0.19E	0.20C	%	97.5	80.0 - 120	Acceptabl	
CBD	0.21E	0.20C	%	107	80.0 - 120	Acceptabl	
CBG	0.19E	0.20C	%	98.9	80.0 - 120	Acceptabl	
CBC	0.20E	0.20C	%	104	80.0 - 120	Acceptabl	
CBT	0.211	0.20C	%	105	80.0 - 120	Acceptabl	
THC\	0.192	0.20C	%	96.0	80.0 - 120	Acceptabl	
d8THC\	0.204	0.20C	%	102	80.0 - 120	Acceptabl	
THCV/	0.19E	0.20C	%	97.8	80.0 - 120	Acceptabl	
CBN	0.211	0.20C	%	105	80.0 - 120	Acceptabl	
exo-THC	0.184	0.20C	%	92.2	80.0 - 120	Acceptabl	
d9THC	0.201	0.20C	%	100	80.0 - 120	Acceptabl	
d8THC	0.19E	0.20C	%	98.9	80.0 - 120	Acceptabl	
CBI	0.18E	0.20C	%	94.0	80.0 - 120	Acceptabl	
CBK	0.203	0.20C	%	101	80.0 - 120	Acceptabl	
THC/	0.204	0.20C	%	102	80.0 - 120	Acceptabl	
CBC	0.202	0.20C	%	101	80.0 - 120	Acceptabl	
CBL	0.204	0.20C	%	102	80.0 - 120	Acceptabl	
CB'	0.182	0.20C	%	91.1	80.0 - 120	Acceptabl	

Method Blank

Analyte	Result	LOC	Units	Limits	Evaluation	Notes
CBDV	< LOC	0.1	%	< 0.1	Acceptabl	
CBD'	< LOC	0.1	%	< 0.1	Acceptabl	
CBF	< LOC	0.1	%	< 0.1	Acceptabl	
CBD	< LOC	0.1	%	< 0.1	Acceptabl	
CBG	< LOC	0.1	%	< 0.1	Acceptabl	
CBC	< LOC	0.1	%	< 0.1	Acceptabl	
CBT	< LOC	0.1	%	< 0.1	Acceptabl	
THC\	< LOC	0.1	%	< 0.1	Acceptabl	
d8THC\	< LOC	0.1	%	< 0.1	Acceptabl	
THCV/	< LOC	0.1	%	< 0.1	Acceptabl	
CBN	< LOC	0.1	%	< 0.1	Acceptabl	
exo-THC	< LOC	0.1	%	< 0.1	Acceptabl	
d9THC	< LOC	0.1	%	< 0.1	Acceptabl	
d8THC	< LOC	0.1	%	< 0.1	Acceptabl	
CBI	< LOC	0.1	%	< 0.1	Acceptabl	
CBK	< LOC	0.1	%	< 0.1	Acceptabl	
THC/	< LOC	0.1	%	< 0.1	Acceptabl	
CBC	< LOC	0.1	%	< 0.1	Acceptabl	
CBL	< LOC	0.1	%	< 0.1	Acceptabl	
CB'	< LOC	0.1	%	< 0.1	Acceptabl	

Abbreviations

ND - None Detected at or above MI
RPD - Relative Percent Differen
LOQ - Limit of Quantitator

Units of Measure:

% - Percen



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Laboratory Quality Control Results

JAOAC2015 086									
Batch ID: 220201									
Sample Duplicate									
Sample ID: 20-009485000									
Analyte	Result	Org. Result	LOC	Units	RPD	Limits	Evaluation	Notes	
CBDV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CBD	0.347	0.350	0.1	%	0.874	< 20	Acceptable		
CB1	0.852	0.862	0.1	%	1.31	< 20	Acceptable		
CBD	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CBG	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CB	0.762	0.762	0.1	%	0.0262	< 20	Acceptable		
CB1	67.2	65.8	0.1	%	2.11	< 20	Acceptable		
THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
d8THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
THCV	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CB1	0.747	0.811	0.1	%	8.73	< 20	Acceptable		
exo-THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
d9THC	0.336	0.211	0.1	%	45.6	< 20	Outlier	R	
d8THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CB1	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CB1	2.91	3.04	0.1	%	2.10	< 20	Acceptable		
THC	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CB	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CB1	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CB1	< LOQ	< LOQ	0.1	%	NA	< 20	Acceptable		
CB	0.440	0.441	0.1	%	1.18	< 20	Acceptable		

Abbreviations

ND - None Detected at or above MI
 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.