



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



Report Number: 22-004632/D005.R000
Report Date: 04/27/2022
ORELAP#: OR100028
Purchase Order:
Received: 04/22/22 16:25

Customer: IHC LLC
Product identity: 07ISO213
Client/Metric ID: .
Laboratory ID: 22-004632-0004

Summary

Potency:

Analyte	Result (%)		
CBN	> 98.0		CBD-Total <LOQ
			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: 07ISO213
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-004632-0004
Evidence of Cooling: No
Temp: 22.3 °C
Relinquished by: Client



Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2203603	Analyze: 4/27/22 11:48:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0679			
CBC-A [†]	< LOQ		0.0679			
CBC-Total [†]	< LOQ		0.128			
CBD	< LOQ		0.0679			
CBD-A	< LOQ		0.0679			
CBD-Total	< LOQ		0.128			
CBDV [†]	< LOQ		0.0679			
CBDV-A [†]	< LOQ		0.0679			
CBDV-Total [†]	< LOQ		0.127			
CBE [†]	< LOQ		0.0679			
CBG [†]	< LOQ		0.0679			
CBG-A [†]	< LOQ		0.0679			
CBG-Total	< LOQ		0.127			
CBL [†]	< LOQ		0.0679			
CBL-A [†]	< LOQ		0.0679			
CBL-Total [†]	< LOQ		0.128			
CBN	> 98.0		0.679			
CBT [†]	< LOQ		0.0679			
Δ8-THC	< LOQ		0.0679			
Δ8-THCV	< LOQ		0.0679			
Δ9-THC	< LOQ		0.0679			
exo-THC	< LOQ		0.0679			
THC-A	< LOQ		0.0679			
THC-Total	< LOQ		0.128			
THCV [†]	< LOQ		0.0679			
THCV-A [†]	< LOQ		0.0679			
THCV-Total [†]	< LOQ		0.127			
Total Cannabinoids[†]	> 98.0					



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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#: CPO23 Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028

Company: <u>The Hemp Collect</u> Contact: <u>Kyle Harook</u> Street: <u>431 NW Flinders st.</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input type="checkbox"/> Email Results: <u>kyle@thehempcollect.com</u> P#: <u>(503) 9081664</u> <input type="checkbox"/> Fx Results: () Billing (if different):				Analysis Requested <table border="1"> <tr> <td>Prostolides - OR 50 (completed)</td> <td>Peristable Multi-Residual - 573 (completed)</td> <td>Potency</td> <td>Residual Solvents</td> <td>Moisture & Water Activity</td> <td>Tergenes</td> <td>Microbial Test and Mold</td> <td>Micro: E. coli and Total Coliforms</td> <td>Heavy Metals</td> <td>Mycotoxins</td> <td>Other:</td> </tr> <tr> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Prostolides - OR 50 (completed)	Peristable Multi-Residual - 573 (completed)	Potency	Residual Solvents	Moisture & Water Activity	Tergenes	Microbial Test and Mold	Micro: E. coli and Total Coliforms	Heavy Metals	Mycotoxins	Other:			X									PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State: <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input type="checkbox"/> 5 Business Day Standard Turnaround <input checked="" type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Tested for availability</small>		
Prostolides - OR 50 (completed)	Peristable Multi-Residual - 573 (completed)	Potency	Residual Solvents	Moisture & Water Activity	Tergenes	Microbial Test and Mold	Micro: E. coli and Total Coliforms	Heavy Metals	Mycotoxins	Other:																										
		X																																		
Lab ID	Client Sample Identification	Date	Time								Sample Type ¹	Weight (Units)	Comments/Notes (S)																							
1	13FTMH215	4/22									C																									
2	01FLT101_Lifter	4/22									V																									
3	14ISO	4/22									S																									
4	07ISO213	4/22									S																									
5																																				
6																																				
7																																				
8																																				
9																																				
10																																				
Relinquished By:		Date:	Time:	Received By:		Date:	Time:	Lab Use Only:																												
Joel Thompson		4/22	4:45	DS		4/22/22	16:25	<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): _____ 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: _____ Pre-log storage: _____																												

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

Sample delivered to Columbia Laboratories with testing requirements considered 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
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T: (503) 254-1794 / Fax: (503) 254-1462
info@columbialaboratories.com

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www.columbialaboratories.com



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Report Number: 22-004632/D005.R000
Report Date: 04/27/2022
ORELAP#: OR100028
Purchase Order:
Received: 04/22/22 16:25

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

Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2203603						
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDA	0.0976	0.100	%	97.6	80.0 - 120	Acceptable		
CBV	0.108	0.100	%	108	80.0 - 120	Acceptable		
CB	0.0993	0.100	%	99.3	80.0 - 120	Acceptable		
CBDA	0.107	0.100	%	107	90.0 - 110	Acceptable		
CBGA	0.0960	0.100	%	96.0	80.0 - 120	Acceptable		
CBG	0.0972	0.100	%	97.2	80.0 - 120	Acceptable		
CB	0.106	0.100	%	106	90.0 - 110	Acceptable		
THCV	0.0967	0.100	%	96.7	80.0 - 120	Acceptable		
d8THCV	0.0988	0.100	%	98.8	80.0 - 120	Acceptable		
THCA	0.0934	0.100	%	93.4	80.0 - 120	Acceptable		
CBN	0.105	0.100	%	105	90.0 - 110	Acceptable		
exo-THC	0.0938	0.100	%	93.8	80.0 - 120	Acceptable		
d9THC	0.105	0.100	%	105	90.0 - 110	Acceptable		
d8THC	0.0891	0.100	%	89.1	80.0 - 120	Acceptable		
CB	0.0928	0.100	%	92.8	80.0 - 120	Acceptable		
CB	0.0918	0.100	%	91.8	80.0 - 120	Acceptable		
THCA	0.101	0.100	%	101	90.0 - 110	Acceptable		
CBGA	0.0942	0.100	%	94.2	80.0 - 120	Acceptable		
CBDA	0.103	0.100	%	103	80.0 - 120	Acceptable		
CB	0.0849	0.100	%	84.9	80.0 - 120	Acceptable		

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDA	< LOQ	0.077	%	< 0.077	Acceptable	
CBV	< LOQ	0.077	%	< 0.077	Acceptable	
CB	< LOQ	0.077	%	< 0.077	Acceptable	
CBDA	< LOQ	0.077	%	< 0.077	Acceptable	
CBGA	< LOQ	0.077	%	< 0.077	Acceptable	
CBG	< LOQ	0.077	%	< 0.077	Acceptable	
CB	< LOQ	0.077	%	< 0.077	Acceptable	
THCV	< LOQ	0.077	%	< 0.077	Acceptable	
d8THCV	< LOQ	0.077	%	< 0.077	Acceptable	
THCA	< LOQ	0.077	%	< 0.077	Acceptable	
CBN	< LOQ	0.077	%	< 0.077	Acceptable	
exo-THC	< LOQ	0.077	%	< 0.077	Acceptable	
d9THC	< LOQ	0.077	%	< 0.077	Acceptable	
d8THC	< LOQ	0.077	%	< 0.077	Acceptable	
CB	< LOQ	0.077	%	< 0.077	Acceptable	
CB	< LOQ	0.077	%	< 0.077	Acceptable	
THCA	< LOQ	0.077	%	< 0.077	Acceptable	
CBGA	< LOQ	0.077	%	< 0.077	Acceptable	
CBDA	< LOQ	0.077	%	< 0.077	Acceptable	
CB	< LOQ	0.077	%	< 0.077	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

JAOAC2015 V986		Batch ID: 2203603						
Sample Duplicate		Sample ID: 22-004582-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	1.42	1.40	0.077	%	1.62	< 20	Acceptable	
CBE	1.20	1.17	0.077	%	2.45	< 20	Acceptable	
CBDA	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBG	0.797	0.748	0.077	%	6.35	< 20	Acceptable	
CBG	49.4	48.0	0.077	%	2.74	< 20	Acceptable	
THCV	0.475	0.471	0.077	%	0.679	< 20	Acceptable	
d8THCV	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
THCVA	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBN	1.00	0.986	0.077	%	1.72	< 20	Acceptable	
exo-THC	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
d9THC	3.25	3.23	0.077	%	0.772	< 20	Acceptable	
d8THC	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBL	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBG	1.27	1.26	0.077	%	0.321	< 20	Acceptable	
THCA	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBGA	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBLA	< LOQ	< LOQ	0.077	%	NA	< 20	Acceptable	
CBF	0.913	0.902	0.077	%	1.22	< 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.