



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



Report Number: 21-014108/D002.R000
Report Date: 12/09/2021
ORELAP#: OR100028
Purchase Order:
Received: 12/02/21 15:15

Customer: IHC LLC
Product identity: 0103PRL100_BK
Client/Metric ID: .
Laboratory ID: 21-014108-0001

Summary

Potency:

Analyte	Result (%)		
Δ8-THC†	9.16		
CBD	7.59		
CBD-A	6.47		
CBG-A†	0.906		
			CBD-Total 13.3% ----- 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: 0103PRL100_BK
Client/Metric ID: .
Sample Date:
Laboratory ID: 21-014108-0001
Evidence of Cooling: No
Temp: 23.4 °C
Relinquished by: Client



**THE HEMP
 COLLECT**

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Units %	Batch: 2110936	Analyze: 12/7/21 4:32:00 PM
Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0929	
CBC-A†	< LOQ		0.0929	
CBC-Total†	< LOQ		0.174	
CBD	7.59		0.0929	
CBD-A	6.47		0.0929	
CBD-Total	13.3		0.174	
CBDV†	< LOQ		0.0929	
CBDV-A†	< LOQ		0.0929	
CBDV-Total†	< LOQ		0.173	
CBE†	< LOQ		0.0929	
CBG†	< LOQ		0.0929	
CBG-A†	0.906		0.0929	
CBG-Total	0.795		0.173	
CBL†	< LOQ		0.0929	
CBL-A†	< LOQ		0.0929	
CBL-Total†	< LOQ		0.174	
CBN	< LOQ		0.0929	
CBT†	< LOQ		0.0929	
Δ8-THC†	9.16		0.0929	
Δ8-THCV	< LOQ		0.0929	
Δ9-THC	< LOQ		0.0929	
THC-A	< LOQ		0.0929	
THC-Total	< LOQ		0.174	
THCV†	< LOQ		0.0929	
THCV-A†	< LOQ		0.0929	
THCV-Total†	< LOQ		0.173	
Total Cannabinoids†	24.1			



● Δ8-THC
 ● CBD
 ● CBD-A
 ● CBG-A



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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#: 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 <input type="checkbox"/> Pesticides - OR 59 compounds <input type="checkbox"/> Pesticide Multi-Residue - 379 compounds <input type="checkbox"/> Potency <input 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:										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 checked="" type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small>			
Lab ID	Client Sample Identification	Date	Time												Sample Type †	Weight (Units)	Comments/Metrc ID
1	0103PRL100_BK	12/02													V		- Sample #2 Client name: <u>KOI CBD</u>
2	0103FTS100_SL_s	12/02													V		
3	03GMY301_0907	12/02													E		-Sample #3 is the remaining sample needed to complete the full panel analysis of the original lab ID 21-011048-003.
Relinquished By:				Date	Time	Received By:				Date	Time						
Kyle Farook				12/02	3:15	<u>DS</u>				12/21	15:15	<input type="checkbox"/> Shipped Via: _____ Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>25.4°C</u> 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: _____					

Client may need call from Paul about additional sample 21-011048 -DS 12/2/21

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

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 info@columbialaboratories.com

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 www.columbialaboratories.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

JAOAC2015 V986		Batch ID: 2110918/2110936						
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDVA	0.204	0.200	%	102	85.0 - 115	Acceptable		
CBDV	0.215	0.200	%	108	85.0 - 115	Acceptable		
CBE	0.208	0.200	%	104	85.0 - 115	Acceptable		
CBD A	0.225	0.200	%	113	85.0 - 115	Acceptable		
CBGA	0.203	0.200	%	101	85.0 - 115	Acceptable		
CBG	0.200	0.200	%	100	85.0 - 115	Acceptable		
CBD	0.223	0.200	%	112	85.0 - 115	Acceptable		
THCV	0.195	0.200	%	97.4	85.0 - 115	Acceptable		
d8THCV	0.193	0.202	%	95.5	85.0 - 115	Acceptable		
THCVA	0.200	0.200	%	99.8	85.0 - 115	Acceptable		
CBN	0.218	0.200	%	109	85.0 - 115	Acceptable		
exo-THC	0.186	0.199	%	93.3	85.0 - 115	Acceptable		
d9THC	0.206	0.200	%	103	85.0 - 115	Acceptable		
d8THC	0.195	0.200	%	97.6	85.0 - 115	Acceptable		
CBL	0.182	0.200	%	90.8	85.0 - 115	Acceptable		
CBC	0.200	0.200	%	100	85.0 - 115	Acceptable		
THCA	0.218	0.200	%	109	85.0 - 115	Acceptable		
CBCA	0.208	0.200	%	104	85.0 - 115	Acceptable		
CBLA	0.209	0.209	%	99.7	85.0 - 115	Acceptable		
CBT	0.232	0.210	%	110	85.0 - 115	Acceptable		

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBD A	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d9THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBC	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBLA	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<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: 2110918/2110936						
Sample Duplicate		Sample ID: 21-013906-0001-01						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	0.803	0.788	0.1	%	1.80	< 20	Acceptable	
CBE	0.406	0.400	0.1	%	1.42	< 20	Acceptable	
CBDA	0.120	0.117	0.1	%	2.70	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	0.190	0.184	0.1	%	3.02	< 20	Acceptable	
CBD	91.4	89.5	0.1	%	2.18	< 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	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	0.176	0.180	0.1	%	2.22	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.1	%	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.