



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



Report Number: 22-001596/D002.R000
Report Date: 02/17/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/10/22 16:55

Customer: IHC LLC
Product identity: 01LIRTNC200_PB
Client/Metric ID: .
Laboratory ID: 22-001596-0001

Summary

Potency:

Analyte per 28.5g	Result	Limits	Units	Status	
CBC per 28.5g [†]	1.24		mg/28.5g		CBD-Total per 28.5g 969 mg/28.5g
CBC-A per 28.5g [†]	20.1		mg/28.5g		
CBD per 28.5g	641		mg/28.5g		THC-Total per 28.5g 15.6 mg/28.5g
CBD-A per 28.5g	373		mg/28.5g		
CBDV per 28.5g [†]	4.05		mg/28.5g		(Reported in milligrams per serving)
CBE per 28.5g [†]	76.1		mg/28.5g		
CBG per 28.5g [†]	10.6		mg/28.5g		
CBG-A per 28.5g [†]	12.3		mg/28.5g		
Δ8-THC per 28.5g [†]	3.71		mg/28.5g		
Δ9-THC per 28.5g	2.81		mg/28.5g		
THC-A per 28.5g	14.6		mg/28.5g		



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

Product identity: 01LIRTNC200_PB
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-001596-0001
Evidence of Cooling: No
Temp: 21.5 °C
Relinquished by: Client
Serving Size #1: 28.5 g



**THE HEMP
 COLLECT**

Sample Results

Potency per 28.5g					
Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2201320 Analyze: 2/15/22 9:25:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 28.5g [†]	1.24		mg/28.5g	0.924	
CBC-A per 28.5g [†]	20.1		mg/28.5g	0.924	
CBC-Total per 28.5g [†]	18.9		mg/28.5g	1.73	
CBD per 28.5g	641		mg/28.5g	9.24	
CBD-A per 28.5g	373		mg/28.5g	9.24	
CBD-Total per 28.5g	969		mg/28.5g	17.3	
CBDV per 28.5g [†]	4.05		mg/28.5g	0.924	
CBDV-A per 28.5g [†]	< LOQ		mg/28.5g	0.924	
CBDV-Total per 28.5g [†]	4.05		mg/28.5g	1.73	
CBE per 28.5g [†]	76.1		mg/28.5g	0.924	
CBG per 28.5g [†]	10.6		mg/28.5g	0.924	
CBG-A per 28.5g [†]	12.3		mg/28.5g	0.924	
CBG-Total per 28.5g [†]	21.2		mg/28.5g	1.73	
CBL per 28.5g [†]	< LOQ		mg/28.5g	0.924	
CBL-A per 28.5g [†]	< LOQ		mg/28.5g	0.924	
CBL-Total per 28.5g [†]	< LOQ		mg/28.5g	1.73	
CBN per 28.5g	< LOQ		mg/28.5g	0.924	
CBT per 28.5g [†]	< LOQ		mg/28.5g	0.924	
Δ8-THCV per 28.5g [†]	< LOQ		mg/28.5g	0.924	
Δ8-THC per 28.5g [†]	3.71		mg/28.5g	0.924	
Δ9-THC per 28.5g	2.81		mg/28.5g	0.924	
exo-THC per 28.5g [†]	< LOQ		mg/28.5g	0.924	
THC-A per 28.5g	14.6		mg/28.5g	0.924	
THC-Total per 28.5g	15.6		mg/28.5g	1.73	
THCV per 28.5g [†]	< LOQ		mg/28.5g	0.924	
THCV-A per 28.5g [†]	< LOQ		mg/28.5g	0.924	
THCV-Total per 28.5g [†]	< LOQ		mg/28.5g	1.74	
Total Cannabinoids per 28.5g	1160		mg/28.5g		



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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/28.5g = Milligram per 28.5g

% = 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: IHC Contact: Kyle Farook Street: 431 NW Flanders st. City: Portland State: OR Zip: 97209 <input type="checkbox"/> Email Results: dropbox Ph: (503) 608164 <input type="checkbox"/> Fx Results: () Billing (if different): beth@thehempcollect.cor				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	01LIRTNC200_PB	2/10				X									T		-Samples #1-3: report units in mg_analyte per 28.5g unit size.
2	1101LIRTNC200_OG	2/10				X									T		
3	0103LIRTNC200_PB	2/10				X									T		
4	01LIR209_..._llama_Fx	2/10				X		X							C		
5	01LIR209_..._STs_Fx	2/10				X		X							C		
6	01LIR209_..._OG_Fx	2/10				X		X							C		
7	0103LIRFTM112_LK	2/10				X									V		
8	0103FTM112_BC	2/10				X									V		
9	0103FTM112_FF	2/10				X									V		
10																	
Relinquished By:		Date	Time	Received By:			Date	Time	Lab Use Only:								
Kyle Farook		2/9	4:30				2/10/22	1655	<input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): 21.5 Sample in good condition: <input 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 Page _____ of _____ www.columbiaboratories.com



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

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2201320

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.00908	0.0100	%	90.8	85.0 - 115	Acceptable	
CBDV	0.0109	0.0100	%	109	85.0 - 115	Acceptable	
CBE	0.00909	0.0100	%	90.8	85.0 - 115	Acceptable	
CBDA	0.0105	0.0100	%	105	85.0 - 115	Acceptable	
CBGA	0.00916	0.0100	%	91.6	85.0 - 115	Acceptable	
CBG	0.00954	0.0100	%	95.4	85.0 - 115	Acceptable	
CBD	0.0107	0.0100	%	107	85.0 - 115	Acceptable	
THCV	0.00928	0.0100	%	92.8	85.0 - 115	Acceptable	
d8THCV	0.00904	0.00983	%	92.0	85.0 - 115	Acceptable	
THCVA	0.00865	0.0100	%	86.5	85.0 - 115	Acceptable	
CBN	0.0107	0.0100	%	107	85.0 - 115	Acceptable	
exo-THC	0.00834	0.00929	%	89.8	85.0 - 115	Acceptable	
d9THC	0.0103	0.0100	%	103	85.0 - 115	Acceptable	
d8THC	0.00934	0.0100	%	93.4	85.0 - 115	Acceptable	
CBL	0.00864	0.0100	%	86.4	85.0 - 115	Acceptable	
CBC	0.00958	0.0100	%	95.8	85.0 - 115	Acceptable	
THCA	0.00989	0.0100	%	98.9	85.0 - 115	Acceptable	
CBCA	0.00923	0.0100	%	92.3	85.0 - 115	Acceptable	
CBLA	0.00905	0.0100	%	90.7	85.0 - 115	Acceptable	
CBT	0.00896	0.00975	%	92.0	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: 1 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2201320						
Sample Duplicate		Sample ID: 22-001563-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.120	0.119	0.003	%	0.757	< 20	Acceptable	
CBE	0.175	0.173	0.003	%	1.15	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0923	0.0905	0.003	%	1.90	< 20	Acceptable	
CBD	19.5	17.9	0.003	%	8.51	< 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	0.0884	0.0876	0.003	%	0.889	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.0337	0.0336	0.003	%	0.334	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	0.0127	0.0130	0.003	%	2.47	< 20	Acceptable	
CBC	0.157	0.155	0.003	%	0.998	< 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	0.157	0.155	0.003	%	1.28	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD - Relative Percent Difference
 LOQ - Limit of Quantitation

Units of Measure:

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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.