



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 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:										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											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: Kyle Farook		Date: 2/9	Time: 4:30	Received By: <i>[Signature]</i>			Date: 2/10/22	Time: 1655	Lab Use Only: <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)

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 Portland, OR 97230
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 info@columbiaboratories.com
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 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:

% - 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.