



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



Report Number: 21-014799/D006.R000
Report Date: 12/24/2021
ORELAP#: OR100028
Purchase Order:
Received: 12/17/21 16:16

Customer: IHC LLC
Product identity: 0107LIRBDR200
Client/Metric ID: .
Laboratory ID: 21-014799-0009

Summary

Potency:

Analyte	Result (%)			
CBN	38.5		CBD-Total	42.4%
CBD	34.2		THC-Total	0.248%
CBD-A	9.37		(Reported in percent of total sample)	
CBC	1.37			
CBT†	1.25			
CBE†	0.992			
CBC-A†	0.619			
CBG†	0.500			
CBDV†	0.288			
THC-A	0.283			



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

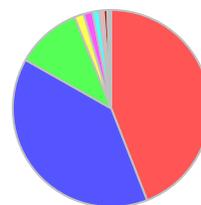
Product identity: 0107LIRBDR200
Client/Metric ID: .
Sample Date: .
Laboratory ID: 21-014799-0009
Evidence of Cooling: No
Temp: 20 °C
Relinquished by: Client



**THE HEMP
COLLECT**

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2111302	Analyze: 12/20/21 9:52:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	1.37		0.0845			
CBC-A†	0.619		0.0845			
CBC-Total†	1.91		0.159			
CBD	34.2		0.845			
CBD-A	9.37		0.0845			
CBD-Total	42.4		0.919			
CBDV†	0.288		0.0845			
CBDV-A†	< LOQ		0.0845			
CBDV-Total†	0.288		0.158			
CBE†	0.992		0.0845			
CBG†	0.500		0.0845			
CBG-A†	< LOQ		0.0845			
CBG-Total	0.500		0.158			
CBL†	< LOQ		0.0845			
CBL-A†	< LOQ		0.0845			
CBL-Total†	< LOQ		0.159			
CBN	38.5		0.845			
CBT†	1.25		0.0845			
Δ8-THC†	< LOQ		0.0845			
Δ8-THCV	< LOQ		0.0845			
Δ9-THC	< LOQ		0.0845			
THC-A	0.283		0.0845			
THC-Total	0.248		0.159			
THCV†	< LOQ		0.0845			
THCV-A†	< LOQ		0.0845			
THCV-Total†	< LOQ		0.158			
Total Cannabinoids†	87.4					



- CBN
- CBD
- CBD-A
- CBC
- CBT
- CBE
- CBC-A
- CBG
- CBDV
- THC-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 = $\mu\text{g/g}$ 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: <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.cor</u>				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> Sampled by: _____			
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	0103LIRVAP200	12/17				X									C		-Sample #4: Report in mg of analyte per 0.75g unit size
2	01LIRVAP200	12/17				X									C		
3	D8 Sprayed Suzie's Gift	12/17				X									V		
4	01SFT304_Veg	12/17				X									E	.75g / unit	
5																	
6																	
7																	
8																	
9																	
10																	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:									
Kyle Farook		12/17	4:00	DS		12/17/21	16:16	<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): <u>20.0</u> 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

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 info@columbiaboratories.com

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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: OF Zip: 97209 <input type="checkbox"/> Email Results: dropbox Ph: (61) 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	01LIR211_WB	12/17							X						C		
2	01LIR209_PP	12/17							X						C		
3	01LIR209_OGK	12/17							X						C		
4	01LIR209_SG	12/17							X						C		
5	01TRP209_SH	12/17							X						C		
6	01020506LIRBDR200	12/17				X									C		
7	01LIRSGR200	12/17				X									C		
8	01LIRCRM200	12/17				X									C		
9	0107LIRBDR200	12/17				X									C		
10	01ISO204	12/17		X	X	X					X				S		
Relinquished By:			Date	Time	Received By:			Date	Time	Lab Use Only:							
Kyle Farook			12/17	4:00	DS			12/17/21	16:16	<input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): 20.0 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 (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
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Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2111302**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.198	0.2	%	98.8	85.0 - 115	Acceptable	
CBDV	0.205	0.2	%	103	85.0 - 115	Acceptable	
CBE	0.201	0.2	%	100	85.0 - 115	Acceptable	
CBD	0.210	0.2	%	105	85.0 - 115	Acceptable	
CBGA	0.202	0.2	%	101	85.0 - 115	Acceptable	
CBG	0.194	0.2	%	96.9	85.0 - 115	Acceptable	
CBD	0.205	0.2	%	102	85.0 - 115	Acceptable	
THCV	0.196	0.2	%	98.0	85.0 - 115	Acceptable	
d8THCV	0.199	0.2	%	99.3	85.0 - 115	Acceptable	
THCVA	0.200	0.2	%	100	85.0 - 115	Acceptable	
CBN	0.211	0.2	%	105	85.0 - 115	Acceptable	
exo-THC	0.186	0.2	%	92.9	85.0 - 115	Acceptable	
d9THC	0.201	0.2	%	101	85.0 - 115	Acceptable	
d8THC	0.193	0.2	%	96.7	85.0 - 115	Acceptable	
CBL	0.189	0.2	%	94.7	85.0 - 115	Acceptable	
CBC	0.202	0.2	%	101	85.0 - 115	Acceptable	
THCA	0.200	0.2	%	100	85.0 - 115	Acceptable	
CBCA	0.203	0.2	%	102	85.0 - 115	Acceptable	
CBLA	0.203	0.2	%	101	85.0 - 115	Acceptable	
CBT	0.207	0.2	%	103	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	<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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Revision #: 0.00 Control : CFL-D06
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2111302						
Sample Duplicate		Sample ID: 21-014708-0009						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	0.391	0.396	0.1	%	1.38	< 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	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	81.8	82.1	0.1	%	0.391	< 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	0.271	0.109	0.1	%	85.0	< 20	Outlier	Q4

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results
- Q4 - Non-homogenous sample matrix, affecting RPD result and/or % recoveries.

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.