



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



Report Number: 22-006171/D003.R000
Report Date: 06/06/2022
ORELAP#: OR100028
Purchase Order:
Received: 05/26/22 15:42

Customer: IHC LLC
Product identity: 13DST_052622
Client/Metric ID: .
Laboratory ID: 22-006171-0008

Summary

Potency:

Analyte	Result (%)		
HHC (9S)	62.7	<ul style="list-style-type: none"> ● HHC (9S-Hexahydrocannabinol) ● HHC (9R-Hexahydrocannabinol) ● CBN 	CBD-Total <LOQ
HHC (9R)	37.7		THC-Total <LOQ
CBN	0.572		(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: 13DST_052622

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-006171-0008

Evidence of Cooling: No

Temp: 27.4 °C

Relinquished by: Client



Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2204621	Analyze: 5/31/22 11:28:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
CBD	< LOQ		0.0765		<ul style="list-style-type: none"> ● HHC (9S-Hexahydrocannabinol) ● HHC (9R-Hexahydrocannabinol) ● CBN 	
CBD-A	< LOQ		0.0765			
CBD-Total	< LOQ		0.144			
CBG [†]	< LOQ		0.0765			
CBG-A [†]	< LOQ		0.0765			
CBG-Total	< LOQ		0.143			
CBN	0.572		0.0765			
Δ8-THC	< LOQ		0.0765			
Δ9-THC	< LOQ		0.0765			
HHC (9R)	37.7		0.765			
HHC (9S)	62.7		0.765			
THC-A	< LOQ		0.0765			
THC-O-Acetate, delta-8 [†]	< LOQ		0.0765			
THC-O-Acetate, delta-9 [†]	< LOQ		0.0765			
THC-Total	< LOQ		0.144			
Total Cannabinoids[†]	0.572					



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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#: CP029 Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028

Company: <u>IHC</u> Contact: <u>Kyle Farook</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>dropbox</u> Fx: <u>(503) 608184</u> <input type="checkbox"/> Fx Results: <u>()</u> Billing (if different): <u>joel@thehemppcollect.com</u>				Analysis Requested: <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: _____										PD Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRIC 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	Premises - OR 50 concentrate	Pesticide Metb: Residue - 379 concentrate	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/Metro ID	
1	D8 Vape - Runtz					X									C		-Sample #6- Report in mg_analyte per 3.6g unit serving size -Sample #8- HHC concentrate sample, test accordingly please.	
2	D8 Vape - Mango Dosl					X									C			
3	D8 Vape - Tangie Skunk					X									C			
4	D8 Vape - Sour Space Candy					X									C			
5	Lemon Meringe Indoor	FLY				X		X							V			
6	07GMY304					X									E			
7	Live CBD Sugar - STs					X									C			
8	13DST_052622					X									C			
9																		
10																		
Relinquished By:		Date:	Time:	Received By:		Date:	Time:	Lab Use Only:										
Kyle Farook		5/25	4:30	AC		5-26	8:42	<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): <u>22.4</u> 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: _____ Packing storage: _____										

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

Samples submitted to Columbia Laboratories with billing requirements constitute an agreement for services to be performed with the named scope of service associated with this CCR. By signing "Relinquished By" you are agreeing to these terms.

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P: (503) 254-1794 | Fax: (503) 254-1452
info@columbialaboratories.com

Page _____ of _____
www.columbialaboratories.com



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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2204621**

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits			Evaluation	Notes
CBDVA	1	0.102	0.100	%	102	80.0	-	120	Acceptable	
CBDV	1	0.111	0.100	%	111	80.0	-	120	Acceptable	
CBE	1	0.0955	0.100	%	95.5	80.0	-	120	Acceptable	
CBDA	1	0.0986	0.100	%	98.6	90.0	-	110	Acceptable	
CBGA	1	0.0954	0.100	%	95.4	80.0	-	120	Acceptable	
CBG	1	0.0929	0.100	%	92.9	80.0	-	120	Acceptable	
CBD	1	0.0968	0.100	%	96.8	90.0	-	110	Acceptable	
THCV	1	0.0987	0.100	%	98.7	80.0	-	120	Acceptable	
d8THCV	1	0.0990	0.100	%	99.0	80.0	-	120	Acceptable	
THCVA	1	0.0980	0.100	%	98.0	80.0	-	120	Acceptable	
CBN	1	0.0986	0.100	%	98.6	90.0	-	110	Acceptable	
exo-THC	1	0.0907	0.100	%	90.7	80.0	-	120	Acceptable	
d9THC	1	0.0920	0.100	%	92.0	90.0	-	110	Acceptable	
d8THC	1	0.0912	0.100	%	91.2	80.0	-	120	Acceptable	
CBL	1	0.0914	0.100	%	91.4	80.0	-	120	Acceptable	
9R-HHC	3	0.0949	0.100	%	94.9	80.0	-	120	Acceptable	
CBC	1	0.100	0.100	%	100	80.0	-	120	Acceptable	
9S-HHC	3	0.0939	0.100	%	93.9	80.0	-	120	Acceptable	
THCA	1	0.0961	0.100	%	96.1	90.0	-	110	Acceptable	
CBCA	1	0.103	0.100	%	103	80.0	-	120	Acceptable	
CBLA	1	0.0986	0.100	%	98.6	80.0	-	120	Acceptable	
d8THCO	3	0.0870	0.100	%	87.0	80.0	-	120	Acceptable	
CBT	1	0.0886	0.100	%	88.6	80.0	-	120	Acceptable	
d9THCO	3	0.0844	0.100	%	84.4	80.0	-	120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.077	%	< 0.077	Acceptable	
CBDV	<LOQ	0.077	%	< 0.077	Acceptable	
CBE	<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	
CBD	<LOQ	0.077	%	< 0.077	Acceptable	
THCV	<LOQ	0.077	%	< 0.077	Acceptable	
d8THCV	<LOQ	0.077	%	< 0.077	Acceptable	
THCVA	<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	
CBL	<LOQ	0.077	%	< 0.077	Acceptable	
9R-HHC	<LOQ	0.077	%	< 0.077	Acceptable	
CBC	<LOQ	0.077	%	< 0.077	Acceptable	
9S-HHC	<LOQ	0.077	%	< 0.077	Acceptable	
THCA	<LOQ	0.077	%	< 0.077	Acceptable	
CBCA	<LOQ	0.077	%	< 0.077	Acceptable	
CBLA	<LOQ	0.077	%	< 0.077	Acceptable	
d8THCO	<LOQ	0.077	%	< 0.077	Acceptable	
CBT	<LOQ	0.077	%	< 0.077	Acceptable	
d9THCO	<LOQ	0.077	%	< 0.077	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference



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Laboratory Quality Control Results

LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2204621						
Sample Duplicate		Sample ID: 22-006066-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THCV	0.399	0.409	0.077	%	2.49	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THC	83.8	85.2	0.077	%	1.71	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
9R-HHC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THCO	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBT	0.134	0.369	0.077	%	93.4	< 20	Outlier	R
d9THCO	<LOQ	<LOQ	0.077	%	NA	< 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.