



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



**Report Number:** 22-011292/D002.R000  
**Report Date:** 09/23/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/20/22 14:33

**Customer:** IHC LLC  
**Product identity:** 0103FTS100\_Ind\_SSH  
**Client/Metric ID:** .  
**Laboratory ID:** 22-011292-0001

### Summary

**Potency:**

Analyte	Result (%)			
CBD-A	13.0		CBD-Total	14.5%
Δ8-THC	8.07		THC-Total	<LOQ
CBD	3.08		(Reported in percent of total sample)	
CBG-A	0.530			
CBDV-A	0.144			
CBG	0.100			
CBC	0.0303			



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

**Product identity:** 0103FTS100\_Ind\_SSH

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 22-011292-0001

**Evidence of Cooling:** No

**Temp:** 10.1 °C

**Relinquished by:** client



### Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)<sup>p</sup> **Units %** **Batch:** 2208013 **Analyze:** 9/22/22 8:22:00 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC	0.0303		0.0297	
CBC-A	< LOQ		0.0297	
CBC-Total	< LOQ		0.0557	
CBD	3.08		0.0297	
CBD-A	13.0		0.297	
CBD-Total	14.5		0.290	
CBDV	< LOQ		0.0297	
CBDV-A	0.144		0.0297	
CBDV-Total	0.125		0.0554	
CBE	< LOQ		0.0297	
CBG	0.100		0.0297	
CBG-A	0.530		0.0297	
CBG-Total	0.565		0.0554	
CBL	< LOQ		0.0297	
CBL-A	< LOQ		0.0297	
CBL-Total	< LOQ		0.0557	
CBN	< LOQ		0.0297	
CBT	< LOQ		0.0297	
Δ10-THC	< LOQ		0.0297	
Δ8-THC	8.07		0.0297	
Δ8-THCV	< LOQ		0.0297	
Δ9-THC	< LOQ		0.0297	
exo-THC	< LOQ		0.0297	
THC-A	< LOQ		0.0297	
THC-Total	< LOQ		0.0557	
THCV	< LOQ		0.0297	
THCV-A	< LOQ		0.0297	
THCV-Total	< LOQ		0.0554	
<b>Total Cannabinoids</b>	<b>25.0</b>			



- CBD-A
- 8-THC
- CBD
- CBG-A
- CBDV-A
- CBG
- CBC



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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.

<sup>b</sup> = ISO/IEC 17025:2017 accredited method.

**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#: CPO33 Rev 02/24/2021 Eff: 03/04/2021  
 ORELAP ID: OR100028

Company: <b>The Hemp Collect</b> Contact: <b>kyle@thehempcollect.com</b> Street: <b>431 NW Flanders st,</b> City: <b>Portland</b> State: <b>OR</b> Zip: <b>97209</b> <input checked="" type="checkbox"/> Email Results: <b>dropbox (IHJ)</b> Ph: <b>(503) 606164</b> <input type="checkbox"/> Fax Results: <b>( )</b> Billing (if different): <b>joe@thehempcollect.com</b>				<b>Analysis Requested</b> <input type="checkbox"/> Pericles - OR 59 compounds <input type="checkbox"/> Periclein Major-Resin - 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 Molds <input type="checkbox"/> Micro: Fungi and Total Coliforms <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 type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small>					
Lab ID	Client Sample Identification	Date	Time	Pericles - OR 59 compounds	Periclein Major-Resin - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Molds	Micro: Fungi and Total Coliforms	Heavy Metals	Mycotoxins	Other	Sample Type	Weight (Units)	Comments/Metric ID
1	0102030505LIRSUG20	9/20	12:30			X									C		Item #4: Report in mg_analyte per 2.0g sample size
2	0103FTS100_Ind_SSH					X									V		
3	0103FTS100_SHH					X									V		Item #5: Report in mg_analyte per 8.0g sample size
4	Live D9 GMY_KO_5mg					X									E		
5	Live D8 GMY_KO_20mg					X									E		
6																	
7																	
8																	
9																	
10																	
Requisitioned By:		Date	Time	Received By:		Date	Time	Lab Use Only:									
Kyle Farook		9/20	12:30			9.20	12:33	<input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input type="checkbox"/> No - Temp (°C): <u>10.1</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: _____									
		9.20	1400			9/20/22	1333										

1 - Sample Type Codes: Vegetation (V); Isolates (I); 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 commercial terms of service associated with this COC. By signing "Requisitioned By" you are agreeing to these terms.

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 Portland, OR 97230

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

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 www.columbialaboratories.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: 2208013

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0381	0.033	%	114	80.0 - 120	Acceptable	
CBDV	2	0.0386	0.033	%	116	80.0 - 120	Acceptable	
CBE	2	0.0362	0.033	%	109	80.0 - 120	Acceptable	
CBDA	1	0.0358	0.033	%	107	90.0 - 110	Acceptable	
CBGA	1	0.0350	0.033	%	106	80.0 - 120	Acceptable	
CBG	1	0.0397	0.036	%	110	80.0 - 120	Acceptable	
CBD	1	0.0385	0.036	%	107	90.0 - 110	Acceptable	
THCV	2	0.0387	0.033	%	116	80.0 - 120	Acceptable	
d8THCV	2	0.0390	0.033	%	117	80.0 - 120	Acceptable	
THCVA	2	0.0349	0.033	%	105	80.0 - 120	Acceptable	
CBN	1	0.0394	0.036	%	109	90.0 - 110	Acceptable	
exo-THC	2	0.0370	0.033	%	111	80.0 - 120	Acceptable	
d9THC	1	0.0419	0.039	%	109	90.0 - 110	Acceptable	
d8THC	1	0.0367	0.033	%	110	80.0 - 120	Acceptable	
CBL	2	0.0359	0.033	%	108	80.0 - 120	Acceptable	
d10THC	1	0.0318	0.033	%	95.5	80.0 - 120	Acceptable	
CBC	2	0.0376	0.033	%	113	80.0 - 120	Acceptable	
THCA	1	0.0327	0.032	%	103	90.0 - 110	Acceptable	
CBCA	2	0.0368	0.033	%	111	80.0 - 120	Acceptable	
CBLA	2	0.0383	0.033	%	115	80.0 - 120	Acceptable	
CBT	2	0.0383	0.033	%	115	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.03	%	< 0.03	Acceptable	
CBDV	<LOQ	0.03	%	< 0.03	Acceptable	
CBE	<LOQ	0.03	%	< 0.03	Acceptable	
CBDA	<LOQ	0.03	%	< 0.03	Acceptable	
CBGA	<LOQ	0.03	%	< 0.03	Acceptable	
CBG	<LOQ	0.03	%	< 0.03	Acceptable	
CBD	<LOQ	0.03	%	< 0.03	Acceptable	
THCV	<LOQ	0.03	%	< 0.03	Acceptable	
d8THCV	<LOQ	0.03	%	< 0.03	Acceptable	
THCVA	<LOQ	0.03	%	< 0.03	Acceptable	
CBN	<LOQ	0.03	%	< 0.03	Acceptable	
exo-THC	<LOQ	0.03	%	< 0.03	Acceptable	
d9THC	<LOQ	0.03	%	< 0.03	Acceptable	
d8THC	<LOQ	0.03	%	< 0.03	Acceptable	
CBL	<LOQ	0.03	%	< 0.03	Acceptable	
d10THC	<LOQ	0.03	%	< 0.03	Acceptable	
CBC	<LOQ	0.03	%	< 0.03	Acceptable	
THCA	<LOQ	0.03	%	< 0.03	Acceptable	
CBCA	<LOQ	0.03	%	< 0.03	Acceptable	
CBLA	<LOQ	0.03	%	< 0.03	Acceptable	
CBT	<LOQ	0.03	%	< 0.03	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: 2208013						
Sample Duplicate		Sample ID: 22-0112920001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	0.147	0.144	0.03	%	1.85	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBD A	13.3	13.0	0.03	%	1.62	< 20	Acceptable	
CBGA	0.540	0.530	0.03	%	1.82	< 20	Acceptable	
CBG	0.101	0.100	0.03	%	1.16	< 20	Acceptable	
CBD	3.14	3.08	0.03	%	1.91	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d8THC	8.26	8.07	0.03	%	2.24	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBC	0.0304	0.0303	0.03	%	0.235	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.03	%	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.