



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



**Report Number:** 21-009823/D004.R000  
**Report Date:** 08/27/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 08/24/21 15:56

**Customer:** IHC LLC  
**Product identity:** M0103LIRSUG0823\_SL  
**Client/Metric ID:** .  
**Laboratory ID:** 21-009823-0003

**Sample Date:** 08/13/21

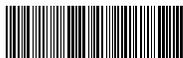
### Summary

**Potency:**

Analyte	Result (%)			
CBD	42.9			
Δ8-THC†	38.8			
CBD-A	4.07			
THC-A	0.242			
CBC-A†	0.205			
CBE†	0.196			
Δ8-THCV	0.182			
CBDV†	0.171			
CBT†	0.153			
CBC	0.109			
CBN	0.108			
				CBD-Total 46.5%
				THC-Total 0.212%
				(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:** M0103LIRSUG0823\_SL

**Client/Metric ID:** .

**Sample Date:** 08/13/21

**Laboratory ID:** 21-009823-0003

**Evidence of Cooling:** No

**Temp:** 22.4 °C

**Relinquished by:** K. Farook

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2107663	Analyze: 8/26/21 12:46:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	0.109		0.0898			
CBC-A†	0.205		0.0898			
CBC-Total†	0.289		0.169			
CBD	42.9		0.898			
CBD-A	4.07		0.0898			
CBD-Total	46.5		0.976			
CBDV†	0.171		0.0898			
CBDV-A†	< LOQ		0.0898			
CBDV-Total†	0.171		0.168			
CBE†	0.196		0.0898			
CBG†	< LOQ		0.0898			
CBG-A†	< LOQ		0.0898			
CBG-Total	< LOQ		0.168			
CBL†	< LOQ		0.0898			
CBL-A†	< LOQ		0.0898			
CBL-Total†	< LOQ		0.169			
CBN	0.108		0.0898			
CBT†	0.153		0.0898			
Δ8-THC†	38.8		0.898			
Δ8-THCV	0.182		0.0898			
Δ9-THC	< LOQ		0.0898			
THC-A	0.242		0.0898			
THC-Total	0.212		0.169			
THCV†	< LOQ		0.0898			
THCV-A†	< LOQ		0.0898			
THCV-Total†	< LOQ		0.168			
<b>Total Cannabinoids†</b>	<b>87.1</b>					



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**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

**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

THEHEMPCOLLECT 21-009823



THC

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.com				<b>Analysis Requested</b> <input type="checkbox"/> Pesticides - OR 59 compounds <input type="checkbox"/> Pesticide Multi-Residue - 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 Mold <input type="checkbox"/> Micro: E.Coli and Total Coliform <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 type="checkbox"/> 5 Business Day Standard Turnaround <input checked="" type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <i>*Check for availability</i>			
Relinquished By: Kyle Farook <i>KF</i> Date: 8/24 Time: 4:45				Received By: <i>Jm</i> Date: 8/24/21 Time: 15:56		Lab Use Only: <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): 22.4 Sample in good condition: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: _____ Prelog storage: _____											
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	M0103LIRSUG0823_C	8/13				X									C		<del>_____</del>
2	M0103LIRSUG0823_W	8/13				X									C		<del>_____</del>
3	M0103LIRSUG0823_S	8/13				X									C		<del>_____</del>
4																	<del>_____</del>
5																	<del>_____</del>
6																	<del>_____</del>
7																	<del>_____</del>
8																	<del>_____</del>
9																	<del>_____</del>
10																	<del>_____</del>

*KF*

† - 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 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

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.  
 Testing in accordance with: OAR 333-007-0430



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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: 2107663**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.195	0.2	%	97.6	85.0 - 115	Acceptable	
CBDV	0.215	0.2	%	107	85.0 - 115	Acceptable	
CBE	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBDA	0.205	0.2	%	102	85.0 - 115	Acceptable	
CBGA	0.197	0.2	%	98.7	85.0 - 115	Acceptable	
CBG	0.201	0.2	%	100	85.0 - 115	Acceptable	
CBD	0.217	0.2	%	108	85.0 - 115	Acceptable	
THCV	0.205	0.2	%	103	85.0 - 115	Acceptable	
d8THCV	0.193	0.2	%	96.7	85.0 - 115	Acceptable	
THCVA	0.189	0.2	%	94.6	85.0 - 115	Acceptable	
CBN	0.216	0.2	%	108	85.0 - 115	Acceptable	
exo-THC	0.193	0.2	%	96.7	85.0 - 115	Acceptable	
d9THC	0.215	0.2	%	108	85.0 - 115	Acceptable	
d8THC	0.186	0.2	%	93.1	85.0 - 115	Acceptable	
CBL	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBC	0.199	0.2	%	99.5	85.0 - 115	Acceptable	
THCA	0.201	0.2	%	101	85.0 - 115	Acceptable	
CBCA	0.185	0.2	%	92.3	85.0 - 115	Acceptable	
CBLA	0.207	0.2	%	103	85.0 - 115	Acceptable	
CBT	0.212	0.2	%	106	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	
CBDA	<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: 2107663						
Sample Duplicate		Sample ID: 21-009741-0001						
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	
CBD A	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	3.66	3.67	0.1	%	0.289	< 20	Acceptable	
CBD	0.309	0.317	0.1	%	2.67	< 20	Acceptable	
THCV	0.439	0.513	0.1	%	15.6	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	1.85	1.84	0.1	%	0.794	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	76.0	76.5	0.1	%	0.665	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.1	%	NA	< 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	2.05	1.87	0.1	%	9.28	< 20	Acceptable	

**Abbreviations**

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

**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.