



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



Report Number: 22-014012/D004.R000
Report Date: 11/23/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/15/22 12:43

Customer: IHC LLC
Product identity: Live D8- Lava Kush
Client/Metric ID: .
Laboratory ID: 22-014012-0002

Summary

Potency:

Analyte	Result (%)		
Δ8-THC	68.9	<ul style="list-style-type: none"> ● 8-THC ● CBD-A ● 8-THCV ● THC-A ● CBT ● CBG-A ● CBD 	CBD-Total 3.84%
CBD-A	4.25		THC-Total 0.170%
Δ8-THCV	0.204		(Reported in percent of total sample)
THC-A	0.194		
CBT	0.181		
CBG-A	0.120		
CBD	0.113		



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

Product identity: Live D8- Lava Kush

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-014012-0002

Evidence of Cooling: No

Temp: 9.6

Relinquished by: hinton



Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^p			Units %	Batch: 2209904	Analyze: 11/16/22 9:47:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0725		<ul style="list-style-type: none"> ● 8-THC ● CBD-A ● 8-THCV ● THC-A ● CBT ● CBG-A ● CBD 	
CBC-A	< LOQ		0.0725			
CBC-Total	< LOQ		0.136			
CBD	0.113		0.0725			
CBD-A	4.25		0.0725			
CBD-Total	3.84		0.136			
CBDV	< LOQ		0.0725			
CBDV-A	< LOQ		0.0725			
CBDV-Total	< LOQ		0.135			
CBE	< LOQ		0.0725			
CBG	< LOQ		0.0725			
CBG-A	0.120		0.0725			
CBG-Total	< LOQ		0.135			
CBL	< LOQ		0.0725			
CBL-A	< LOQ		0.0725			
CBL-Total	< LOQ		0.136			
CBN	< LOQ		0.0725			
CBT	0.181		0.0725			
Δ10-THC	< LOQ		0.0725			
Δ8-THC	68.9		0.725			
Δ8-THCV	0.204		0.0725			
Δ9-THC	< LOQ		0.0725			
exo-THC	< LOQ		0.0725			
THC-A	0.194		0.0725			
THC-Total	0.170		0.136			
THCV	< LOQ		0.0725			
THCV-A	< LOQ		0.0725			
THCV-Total	< LOQ		0.135			
Total Cannabinoids	74.0					



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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.

^h = 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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Columbia LABORATORIES
Hemp & Cannabis: Usable / Extract / Finished Product
Chain of Custody Record
ORELAP# OR100028 NAME #0170210143-036



Company: TSC LLC Contact: Kyle Parson Address: 405 NW Flinders St City/Postcode: Beaverton, OR 97008 Phone: (503) 6081940 Email: kparson@tsc.com Name: Joel Thompson Address: City/State/Zip:		Analysis Requested: CWH: mg, PPM PWH: yy, SUD PWH: MM, dd PWH: hh PWH: min	PO Number: Project ID: Batch ID: Sampled by: Cultivar Reporting: Source Material: <input type="checkbox"/> - Ind. Hemp/Unleaded <input type="checkbox"/> - Ind. Cannabis Reporting Type: <input type="checkbox"/> - Compliance <input type="checkbox"/> - BSI Report to: <input type="checkbox"/> - MTRC <input type="checkbox"/> - ODA <input type="checkbox"/> - USDA <input type="checkbox"/> - Other Temperature (TGT - Business Day): <input type="checkbox"/> - 40C <input type="checkbox"/> - 30C <input type="checkbox"/> - 20C <input type="checkbox"/> - Other																																																																		
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11/23/22 12:43 PM
Portland, OR 97230

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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Received: 11/15/22 12:43

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

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2209904

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.105	0.102	%	102	80.0	- 120	Acceptable	
CBDV	2	0.108	0.106	%	102	80.0	- 120	Acceptable	
CBE	2	0.109	0.106	%	102	80.0	- 120	Acceptable	
CEDA	1	0.0960	0.095	%	101	90.0	- 110	Acceptable	
CBG ^A	1	0.0963	0.094	%	102	80.0	- 120	Acceptable	
CBG	1	0.102	0.099	%	103	80.0	- 120	Acceptable	
CBD	1	0.100	0.098	%	102	90.0	- 110	Acceptable	
THCV	2	0.104	0.102	%	101	80.0	- 120	Acceptable	
δ8THCV	2	0.111	0.109	%	102	80.0	- 120	Acceptable	
THCVA	2	0.102	0.100	%	102	80.0	- 120	Acceptable	
CBN	1	0.104	0.102	%	103	80.0	- 120	Acceptable	
exo-THC	2	0.100	0.098	%	102	80.0	- 120	Acceptable	
δ9THC	1	0.106	0.102	%	103	90.0	- 110	Acceptable	
δ8THC	1	0.105	0.103	%	102	90.0	- 110	Acceptable	
CBL	2	0.101	0.100	%	101	80.0	- 120	Acceptable	
Δ10THC	1	0.0921	0.090	%	102	80.0	- 120	Acceptable	
CBG	2	0.108	0.105	%	103	80.0	- 120	Acceptable	
THCA	1	0.0940	0.093	%	101	90.0	- 110	Acceptable	
CBCA	2	0.104	0.103	%	100	80.0	- 120	Acceptable	
CBLA	2	0.108	0.106	%	103	80.0	- 120	Acceptable	
CBT	2	0.112	0.110	%	102	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	
CEDA	<LOQ	0.077	%	< 0.077		Acceptable	
CBG ^A	<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	
δ8THCV	<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	
δ9THC	<LOQ	0.077	%	< 0.077		Acceptable	
δ8THC	<LOQ	0.077	%	< 0.077		Acceptable	
CBL	<LOQ	0.077	%	< 0.077		Acceptable	
Δ10THC	<LOQ	0.077	%	< 0.077		Acceptable	
CBG	<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	
CBT	<LOQ	0.077	%	< 0.077		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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Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2209904						
Sample Duplicate		Sample ID: 22-013998-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	0.207	0.219	0.077	%	5.86	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CEDA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBD	85.0	90.3	0.077	%	6.08	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
Δ8THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCV/A	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
Δ9THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
Δ8THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
Δ10THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRI
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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.