REPORT NUMBER:	22-013665/D002.R000
Report Date:	11/10/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	11/07/22 11:59

Customer:	IHC LLC
Product identity:	Lava Kush LD8/HHC Moonrocks
Client/Metrc ID:	.
Laboratory ID:	22-013665-0009

Summary

Potency:

Analyte	Result (%)
Δ8-THC	28.2
CBG-A	5.97
HHC (9R-Hexahydrocannabinol)	4.97
CBD-A	3.09
CBD	1.90
HHC (9S-Hexahydrocannabinol)	1.24
CBG	0.309
CBC-A	0.272
CBT	0.110
Δ8-THCV	0.107
THC-A	0.0659

Legend:
- 8-THC
- CBG-A
- HHC (9R-Hexahydrocannabinol)
- CBD-A
- CBD
- HHC (9S-Hexahydrocannabinol)
- CBG
- CBC-A
- CBT
- 8-THCV
- THC-A

CBD-Total	4.61%
THC-Total	0.0578%

(Reported in percent of total sample)

![Columbia Laboratories - A Tentamus Company]

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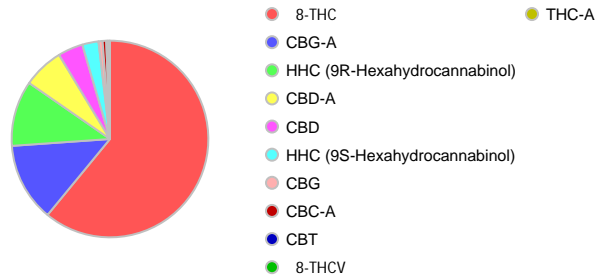Portland, OR 97230
503-254-1794

REPORT NUMBER: 22-013665/D002.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

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

Product identity: Lava Kush LD8/HHC Moonrocks
Client/Metrc ID: .
Sample Date:
Laboratory ID: 22-013665-0009
Evidence of Cooling: No
Temp: 20.9 ℃
Relinquished by: client

THE HEMP
COLLECT

Sample Results

Potency		Method: J AOAC 2015 V98-6 (mod)ᵇ			Units %	Batch: 2209627	Analyze: 11/9/22 8:57:00 AM
Analyte	As Received	Dry weight	LOQ	Notes			
CBC	< LOQ		0.0299				
CBC-A	0.272		0.0299				
CBC-Total	0.239		0.0561				
CBD	1.90		0.0299				
CBD-A	3.09		0.0299				
CBD-Total	4.61		0.0561				
CBDV	< LOQ		0.0299				
CBDV-A	< LOQ		0.0299				
CBDV-Total	< LOQ		0.0558				
CBE	< LOQ		0.0299				
CBG	0.309		0.0299				
CBG-A	5.97		0.0299				
CBG-Total	5.55		0.0558				
CBL	< LOQ		0.0299				
CBL-A	< LOQ		0.0299				
CBL-Total	< LOQ		0.0561				
CBN	< LOQ		0.0299				
CBT	0.110		0.0299				
Δ10-THC	< LOQ		0.0299				
Δ8-THC	28.2		0.299				
Δ8-THCV	0.107		0.0299				
Δ9-THC	< LOQ		0.0299				
exo-THC	< LOQ		0.0299				
HHC (9R-Hexahydrocannabinol)	4.97		0.0299				
HHC (9S-Hexahydrocannabinol)	1.24		0.0299				
THC-A	0.0659		0.0299				
THC-O-Acetate, delta-8	< LOQ		0.0299				
THC-O-Acetate, delta-9	< LOQ		0.0299				
THC-Total	0.0578		0.0561				
THCV	< LOQ		0.0299				
THCV-A	< LOQ		0.0299				

Pie chart legend:
- 8-THC
- CBG-A
- HHC (9R-Hexahydrocannabinol)
- CBD-A
- CBD
- HHC (9S-Hexahydrocannabinol)
- CBG
- CBC-A
- CBT
- 8-THCV
- THC-A

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12423 NE Whitaker Way
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503-254-1794

Potency	**Method:** J AOAC 2015 V98-6 (mod)ᵇ		**Units** %	**Batch:** 2209627	**Analyze:** 11/9/22 8:57:00 AM

Analyte	As Received	Dry weight	LOQ	Notes
THCV-Total	< LOQ		0.0558	
Total Cannabinoids	46.2			

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.

♭ = 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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A Tentamus Company

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

Report Number: 22-013665/D002.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

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A Tentamus Company

Hemp / Cannabis Usable / Extract / Finished Products
Chain of Custody Record

Revision: 4.00 Control#: CP023 Rev 02/24/2021 Eff. 03/04/2021
ORELAP ID: OR100028

22-013665

Company: The Hemp Collect
Contact: kylie@thehempcollect.com
Street: 431 NW Flanders st.
City: Portland   State: OR   Zip: 97209
☑ Email Results: dropbox (IHC)
Ph: (51) 6081b4   ☐ Fx Results: (___)
Billing (if different): joel@thehempcollect.com

PO Number: _____
Project Number: _____
Project Name: _____
Custom Reporting: _____

Report to State - ☐ METRC or ☐ Other: _____
Turnaround time: ☑ 5 Business Day Standard Turnaround
☑ 3 Business Day Rush Turnaround* 3-day Rush on all
☐ 2 Business Day Rush Turnaround*
*Check for availability

Sampled by: _____

Lab ID	Client Sample Identification	Date	Time	Pesticide—OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Matrix Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other: HHC Potency	Sample Type †	Weight (Units)	Comments/Metrc ID
1	Sour Hawaiian - D8 Flower (2)								X						V		Samples #1-#4: Alternate Client name: Koi CBD
2	Sour Suver - D8 Flower (2)								X						V		
3	Sour Hawaiian - D8 Flower					X									V		Samples #3-#9: Alternate client name: Zar Wellness
4	Sour Suver - D8 Flower					X									V		
5	Bubba Kush - D8 Flower					X									V		
6	Sour Lifter - D8 Flower					X									V		
7	Pineapple Kush - D8 Flower					X									V		
8	Sweetgum - Moonrocks					X								X	C/V		
9	Log Kush, D8R/HHC Moonrocks					X								X	C/V		
10																	

Relinquished By	Date	Time	Received By	Date	Time	Lab Use Only
Joel Thompson	11/07	4:00 PI	JSE	11/7	11:59	☐ Shipped Via: _____ or ☑ Client drop
						Evidence of cooling: ☐ Yes | ☑ No - Temp (°C): 20.4
						Sample in good condition: ☑ Yes | ☐ No _____
						☐ Cash | ☐ Check | ☐ CC | ☐ 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

12423 NE Whitaker Way
Portland, OR 97230

P: (503) 254-1794 / Fax: (503) 254-0452
info@columbialaboratories.com

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Columbia LABORATORIES A Tentamus Company

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

REPORT NUMBER: 22-013665/D002.R000
Report Date: 11/10/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

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

Laboratory Quality Control Results

J AOAC 2015 V98-6					Batch ID: 2209627						

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits			Evaluation	Notes
CBDVA	2	0.0370	0.034	%	110	80.0	-	120	Acceptable	
CBDV	2	0.0373	0.037	%	102	80.0	-	120	Acceptable	
CBE	2	0.0367	0.034	%	108	80.0	-	120	Acceptable	
CBDA	1	0.0315	0.032	%	98.0	90.0	-	110	Acceptable	
CBGA	1	0.0305	0.032	%	95.9	80.0	-	120	Acceptable	
CBG	1	0.0332	0.034	%	98.4	80.0	-	120	Acceptable	
CBD	1	0.0347	0.033	%	106	90.0	-	110	Acceptable	
THCV	2	0.0374	0.035	%	106	80.0	-	120	Acceptable	
d8THCV	2	0.0376	0.035	%	106	80.0	-	120	Acceptable	
THCVA	2	0.0329	0.033	%	100	80.0	-	120	Acceptable	
CBN	1	0.0351	0.035	%	101	90.0	-	110	Acceptable	
exo-THC	2	0.0390	0.034	%	113	80.0	-	120	Acceptable	
d9THC	1	0.0360	0.034	%	105	90.0	-	110	Acceptable	
d8THC	1	0.0333	0.035	%	96.4	90.0	-	110	Acceptable	
CBL	2	0.0358	0.032	%	111	80.0	-	120	Acceptable	
d10THC	1	0.0303	0.030	%	99.3	80.0	-	120	Acceptable	
CBC	2	0.0376	0.036	%	105	80.0	-	120	Acceptable	
THCA	1	0.0310	0.032	%	96.4	90.0	-	110	Acceptable	
CBCA	2	0.0348	0.034	%	101	80.0	-	120	Acceptable	
CBLA	2	0.0361	0.035	%	104	80.0	-	120	Acceptable	
CBT	2	0.0367	0.036	%	102	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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12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

REPORT NUMBER: 22-013665/D002.R000
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ORELAP#: OR100028
Purchase Order:
Received: 11/07/22 11:59

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

Laboratory Quality Control Results

J AOAC 2015 V98-6					Batch ID: 2209627			
Sample Duplicate					Sample ID: 22-013598-0001			
Analyte	**Result**	**Org. Result**	**LOQ**	**Units**	**RPD**	**Limits**	**Evaluation**	**Notes**
CBDVA	<LOQ	0.0304	0.03	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBDA	12.4	13.3	0.03	%	6.51	< 20	Acceptable	
CBGA	0.232	0.271	0.03	%	15.7	< 20	Acceptable	
CBG	0.0442	0.0402	0.03	%	9.43	< 20	Acceptable	
CBD	0.831	0.889	0.03	%	6.77	< 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	1.16	1.19	0.03	%	3.01	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBC	0.0644	0.0704	0.03	%	8.98	< 20	Acceptable	
THCA	0.486	0.510	0.03	%	4.85	< 20	Acceptable	
CBCA	0.564	0.591	0.03	%	4.68	< 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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12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

REPORT Number: 22-013665/D002.R000

Report Date: 11/10/2022

ORELAP#: OR100028

Purchase Order:

Received: 11/07/22 11:59

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	Quantitaion 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.