



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



Report Number: 22-014012/D004.R001
Report Date: 11/23/2022
ORELAP#: OR100028
Purchase Order:
Received: 11/15/22 12:43

This is an amended version of report# 22-014012/D004.R000.

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

Summary

Potency:

Analyte	Result (%)	<ul style="list-style-type: none">8-THCCBD-A8-THCVTHC-ACBTCBG-ACBD	
Δ8-THC	68.9		
CBD-A	4.25	CBD-Total 3.84%	
Δ8-THCV	0.204	THC-Total 0.170%	
THC-A	0.194	(Reported in percent of total sample)	
CBT	0.181		
CBG-A	0.120		
CBD	0.113		



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Customer: ATL Rx

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) ^b			Units %	Batch: 2209904	Analyze: 11/16/22 9:47:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0725			
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.

^b = 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 Product
Chain of Custody Record
ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-1508



Company: IHC LLC Contact: Kyle Farook Address: 431 NW Flanders st. City: Portland State: OR Zip Code: 97209 <input checked="" type="checkbox"/> Email Results: kyle@thehempcollect.com <input type="checkbox"/> Ph: (510) - 6081643 Name: Joel Thompson Email: joel@thehempcollect.com Address: City: State: Zip: Ph: () -			Analysis Requested <table border="1"><tr><td>Can</td><td>Hea</td><td>Pos</td></tr><tr><td>nabi</td><td>vy</td><td>toid</td></tr><tr><td>noid</td><td>Met</td><td>es</td></tr><tr><td>-</td><td>als</td><td></td></tr><tr><td>Pole</td><td></td><td></td></tr><tr><td>ncy</td><td></td><td></td></tr></table>			Can	Hea	Pos	nabi	vy	toid	noid	Met	es	-	als		Pole			ncy			PO Number: Project ID: Batch ID: Sampled by: Custom Reporting: Source Material: <input checked="" type="checkbox"/> Ind. Hemp product <input type="checkbox"/> Rec. Cannabis Reporting Type: <input type="checkbox"/> Compliance <input checked="" type="checkbox"/> R&D Report to: <input type="checkbox"/> METRC <input type="checkbox"/> ODA <input type="checkbox"/> USDA <input type="checkbox"/> Other: Turnaround time (TAT - Business Days): <input checked="" type="checkbox"/> - 5BD <input type="checkbox"/> - 3BD* <input type="checkbox"/> - 2BD* <small>*Check for availability</small>		
Can	Hea	Pos																								
nabi	vy	toid																								
noid	Met	es																								
-	als																									
Pole																										
ncy																										
Lab ID	Client Sample Identification	Sample date	Material Type	Weight (Units)	Comments/Metric ID																					
01	Live D8 DT - Garlic Jam	11/15			Samples #1-#4 : Alternate Client name: ATLrx 5 business day turnaround on samples 1-6, 2 business day turnaround on sample #7																					
02	Live D8 - Lava Kush	11/15																								
03	Live D8 - Sour Pineapple	11/15																								
04	Live D8 KO - Pink Panther	11/15																								
05	Sour Suver	11/15																								
06	Sour Hawaiian	11/15																								
07	CBDa seed solution	11/15																								
Signature - Relinquished By: Forest Helms			Signature - Received By: MMA																							
Date: 11/15			Date: 11/15																							
Time: 12:00 PM			Time: 12:05																							
Signature: MMA			Signature: RBS																							
Date: 11/15			Date: 11/15/22																							
Time: 12:20			Time: 12:43																							
Lab Use Only: <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): 9.6 Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: Prelog storage:																										

* - Material Type Codes: Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

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.
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info@columbialaboratories.com www.columbialaboratories.com



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Report Number: 22-014012/D004.R001
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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: 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	
CBD	1	0.0960	0.095	%	101	90.0 - 110	Acceptable	
CBGA	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	
d8THCV	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	
d9THC	1	0.106	0.102	%	103	90.0 - 110	Acceptable	
d8THC	1	0.105	0.103	%	102	90.0 - 110	Acceptable	
CBL	2	0.101	0.100	%	101	80.0 - 120	Acceptable	
d10THC	1	0.0921	0.090	%	102	80.0 - 120	Acceptable	
CB	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	
CBD	<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	
d10THC	<LOQ	0.077	%	< 0.077	Acceptable	
CB	<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

J AOAC 2015 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	
CBD	<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	
d8THCV	<LOQ	<LOQ	0.077	%	NA	< 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	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBC	<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	
CBT	<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.