Columbia LABORATORIES
A Tentamus Company

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

Customer: The Hemp Collect
Product identity: Sour Hawaiian Haze Live Resin 2022
Client/Metrc ID: 01LIR209_SSH
Laboratory ID: 23-007288-0002

Summary

Potency:

Analyte	Result (%)
CBD-A	54.0
CBC-A	2.54
THC-A	2.27
CBD	1.28
CBG-A	0.760
CBDV-A	0.409
Δ9-THC	0.323
CBG	0.0798

- CBD-A
- CBC-A
- THC-A
- CBD
- CBG-A
- CBDV-A
- Δ9-THC
- CBG

CBD-Total	48.7%
THC-Total	2.31%

(Reported in percent of total sample)

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Customer: The Hemp Collect
825 NW 16th Ave
Portland Oregon 97209
United States of America (USA)

Product identity: Sour Hawaiian Haze Live Resin 2022
Client/Metrc ID: 01LIR209_SSH
Sample Date:
Laboratory ID: 23-007288-0002
Evidence of Cooling: No
Temp: 21.9 °C
Relinquished by: Hinton

THE HEMP COLLECT

Sample Results

Potency	**Method:** J AOAC 2015 V98-6 (mod)ᵇ		**Units** %	**Batch:** 2308471	**Analyze:** 6/21/23 10:46:00 PM
Analyte	**As Received**	**Dry weight**	**LOQ**	**Notes**	
CBC	< LOQ		0.0746		
CBC-A	2.54		0.0746		
CBC-Total	2.23		0.140		
CBD	1.28		0.0746		
CBD-A	54.0		0.746		
CBD-Total	48.7		0.729		
CBDV	< LOQ		0.0746		
CBDV-A	0.409		0.0746		
CBDV-Total	0.355		0.139		
CBE	< LOQ		0.0746		
CBG	0.0798		0.0746		
CBG-A	0.760		0.0746		
CBG-Total	0.747		0.139		
CBL	< LOQ		0.0746		
CBL-A	< LOQ		0.0746		
CBL-Total	< LOQ		0.140		
CBN	< LOQ		0.0746		
CBT	< LOQ		0.0746		
Δ10-THC-9R	< LOQ		0.0746		
Δ10-THC-9S	< LOQ		0.0746		
Δ10-THC-Total	< LOQ		0.149		
Δ8-THC	< LOQ		0.0746		
Δ8-THCV	< LOQ		0.0746		
Δ9-THC	0.323		0.0746		
delta-9-THCP	< LOQ		0.0746		
exo-THC	< LOQ		0.0746		
THC-A	2.27		0.0746		
THC-Total	2.31		0.140		
THCV	< LOQ		0.0746		
THCV-A	< LOQ		0.0746		
THCV-Total	< LOQ		0.139		
Total Cannabinoids	61.7				

Pie chart legend:
- CBD-A
- CBC-A
- THC-A
- CBD
- CBG-A
- CBDV-A
- Δ9-THC
- CBG

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REPORT NUMBER: 23-007288/D005.R000
Report Date: 06/27/2023
ORELAP#: OR100028
Purchase Order:
Received: 06/20/23 12:33

Potency	**Method:** J AOAC 2015 V98-6 (mod)[b]		**Units** %	**Batch:** 2308471	**Analyze:** 6/21/23 10:46:00 PM
Analyte	**As Received**	**Dry weight**	**LOQ**	**Notes**	
Total Cannabinoids					

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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.

þ = 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

Columbia LABORATORIES — A Tentamus Company

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Laboratory Quality Control Results

| JAOAC2015 V98-6 | | | | | Batch ID: 2308471 | | | | |

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits			Evaluation	Notes
CBDVA	2	0.0754	0.0729	%	103	80.0	-	120	Acceptable	
CBDV	2	0.0743	0.0727	%	102	80.0	-	120	Acceptable	
CBE	2	0.0817	0.0803	%	102	80.0	-	120	Acceptable	
CBDA	1	0.0763	0.0768	%	99.4	90.0	-	110	Acceptable	
CBGA	1	0.0764	0.0763	%	100	80.0	-	120	Acceptable	
CBG	1	0.0872	0.0877	%	99.5	80.0	-	120	Acceptable	
CBD	1	0.0848	0.0853	%	99.4	90.0	-	110	Acceptable	
THCV	2	0.0550	0.0546	%	101	80.0	-	120	Acceptable	
d8THCV	2	0.0643	0.0644	%	99.8	80.0	-	120	Acceptable	
THCVA	2	0.0756	0.0711	%	106	80.0	-	120	Acceptable	
CBN	1	0.0792	0.0808	%	97.9	80.0	-	120	Acceptable	
exo-THC	2	0.0646	0.0653	%	98.9	80.0	-	120	Acceptable	
d9THC	1	0.0811	0.0832	%	97.4	90.0	-	110	Acceptable	
d8THC	1	0.102	0.104	%	98.0	90.0	-	110	Acceptable	
9S-d10THC	1	0.0569	0.0589	%	96.6	80.0	-	120	Acceptable	
CBL	2	0.0715	0.0718	%	99.5	80.0	-	120	Acceptable	
9S-HHC	3	0.0716	0.0769	%	93.0	80.0	-	120	Acceptable	
9R-d10THC	1	0.0729	0.0759	%	96.0	80.0	-	120	Acceptable	
CBC	2	0.0669	0.0675	%	99.0	80.0	-	120	Acceptable	
9R-HHC	3	0.0673	0.0769	%	87.5	80.0	-	120	Acceptable	
THCA	1	0.0734	0.0763	%	96.2	90.0	-	110	Acceptable	
CBCA	2	0.0761	0.0737	%	103	80.0	-	120	Acceptable	
CBLA	2	0.0718	0.0698	%	103	80.0	-	120	Acceptable	
d9THCP	2	0.0720	0.0752	%	95.8	80.0	-	120	Acceptable	
d8THCO	3	0.0727	0.0769	%	94.5	80.0	-	120	Acceptable	
CBT	2	0.0683	0.0753	%	90.8	80.0	-	120	Acceptable	
d9THCO	3	0.0681	0.0769	%	88.5	80.0	-	120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBDV	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBE	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBDA	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBGA	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBG	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBD	<LOQ	0.00727	%	< 0.00727	Acceptable	
THCV	<LOQ	0.00727	%	< 0.00727	Acceptable	
d8THCV	<LOQ	0.00727	%	< 0.00727	Acceptable	
THCVA	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBN	<LOQ	0.00727	%	< 0.00727	Acceptable	
exo-THC	<LOQ	0.00727	%	< 0.00727	Acceptable	
d9THC	<LOQ	0.00727	%	< 0.00727	Acceptable	
d8THC	<LOQ	0.00727	%	< 0.00727	Acceptable	
9S-d10THC	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBL	<LOQ	0.00727	%	< 0.00727	Acceptable	
9S-HHC	<LOQ	0.00727	%	< 0.00727	Acceptable	
9R-d10THC	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBC	<LOQ	0.00727	%	< 0.00727	Acceptable	
9R-HHC	<LOQ	0.00727	%	< 0.00727	Acceptable	
THCA	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBCA	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBLA	<LOQ	0.00727	%	< 0.00727	Acceptable	
d9THCP	<LOQ	0.00727	%	< 0.00727	Acceptable	
d8THCO	<LOQ	0.00727	%	< 0.00727	Acceptable	
CBT	<LOQ	0.00727	%	< 0.00727	Acceptable	
d9THCO	<LOQ	0.00727	%	< 0.00727	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: 2308471		
Sample Duplicate						Sample ID: 23-007288-0002		
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	0.407	0.409	0.0743	%	0.385	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
CBDA	49.8	54.0	0.0743	%	8.19	< 20	Acceptable	
CBGA	0.866	0.760	0.0743	%	13.1	< 20	Acceptable	
CBG	0.0964	0.0798	0.0743	%	18.9	< 20	Acceptable	
CBD	1.43	1.28	0.0743	%	11.0	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
d9THC	0.373	0.323	0.0743	%	14.4	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
9R-HHC	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
THCA	2.61	2.27	0.0743	%	13.8	< 20	Acceptable	
CBCA	2.91	2.54	0.0743	%	13.7	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
d8THCO	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.0743	%	NA	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.0743	%	NA	< 20	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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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.