PIXIS Labs
A Tentamus Company

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

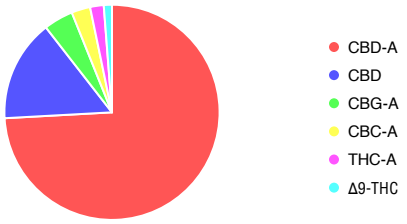
Report Number: 20-000107/D02.R00
Report Date: 01/09/2020
ORELAP#: OR100028
Purchase Order:
Received: 01/06/20 13:28

Customer: Jack Hempicine LLC
Product identity: Hawaiian Haze
Client/Metrc ID: .
Laboratory ID: 20-000107-0001 **Sample Date:** 01/06/20

Summary

Potency:

Analyte	Result (%)
CBD-A	2.04
CBD	0.421
CBG-A†	0.122
CBC-A†	0.0774
THC-A	0.0562
Δ9-THC	0.0337



CBD-Total	2.21%
THC-Total	0.0830%

(Reported in percent of total sample)

Testing in accordance with: OAR 333-007-0430

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Customer: Jack Hempicine LLC
7744 NW Mint Ave
Albany Oregon 97321
United States

Product identity: Hawaiian Haze
Client/Metrc ID: .
Sample Date: 01/06/20
Laboratory ID: 20-000107-0001
Relinquished by: Gina Erdmann
Temp: 21.1 °C

Sample Results

Potency **Method** J AOAC 2015 V98-6 **Units** % **Batch** 2000219 **Analyze** 01/08/20 07:14 PM

Analyte	As Received	Dry weight	LOQ	Notes
CBC†	< LOQ		0.0297	
CBC-A†	0.0774		0.0297	
CBC-Total†	0.0950		0.0558	
CBD	0.421		0.0297	
CBD-A	2.04		0.0297	
CBD-Total	2.21		0.0558	
CBDV†	< LOQ		0.0297	
CBDV-A†	< LOQ		0.0297	
CBDV-Total†	< LOQ		0.0555	
CBG†	< LOQ		0.0297	
CBG-A†	0.122		0.0297	
CBG-Total†	0.132		0.0555	
CBL†	< LOQ		0.0297	
CBN	< LOQ		0.0297	
Δ8-THC†	< LOQ		0.0297	
Δ9-THC	0.0337		0.0297	
THC-A	0.0562		0.0297	
THC-Total	0.0830		0.0558	
THCV†	< LOQ		0.0297	
THCV-A†	< LOQ		0.0297	
THCV-Total†	< LOQ		0.0555	

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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 = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

Testing in accordance with: OAR 333-007-0430

Oregon Department of Agriculture
HEMP SAMPLING AND TESTING REQUEST FORM

INSTRUCTIONS FOR COMPLETING THIS FORM:

- All sampling and testing must be performed by a laboratory licensed by the Oregon Liquor Control Commission (OLCC) under ORS 475B.560 and accredited by the Oregon Health Authority (OHA) pursuant to ORS 475B.565 to sample and test for Δ9 tetrahydrocannabinol (THC) content (hereinafter, Laboratory) or the Oregon Department of Agriculture (ODA).
- The current list of licensed and accredited laboratories may be found at: https://oda.direct/hemp. A laboratory must appear on **both licensure and accreditation lists** and may only perform sampling and/or testing according to their accreditation. The list may also be found by searching on the OHA website for "accredited cannabis labs".
- Hemp grown under an ODA registration, including industrial hemp grown for agricultural hemp seed, must be sampled and tested for the purpose of ensuring that the crop contains an average THC concentration not exceeding 0.3 percent on a dry weight basis, as required by ORS 571.300 to 571.315; and OAR 603-048.
- Sampling must be in accordance to OAR 603-048-0600, and occur no more than four (4) weeks (28 days) prior to harvest. Laboratories may only sample plants with flowers when the purpose of the harvest lot is to produce flower. If no flowering plants are present, laboratories must reschedule the sampling for a later date when flowering plants are present.
- YOU MUST LEGIBLY COMPLETE EVERY SECTION OF THIS FORM. Incomplete or illegible forms shall be returned and shall not be accepted until deficiencies are corrected.
- Complete one copy of the "Harvest Lot Sampling Request Description" (page 3 of this document) for *each* harvest lot as defined by OAR 603-048-0010 (13). A **Harvest Lot** means:
    a. Means a quantity of industrial hemp harvested within a distinct timeframe that is:
        A. Grown in one contiguous field or growing area; or
        B. Grown in a portion or portions of one contiguous field or one growing area.
    b. Does not include a quantity of industrial hemp comprised of industrial hemp grown in noncontiguous fields, noncontiguous growing areas.
- **"Harvest Lot Identifier"** means a unique numerical identifier that begins with the name of the grow site, then the year of harvest, and then a unique number to identify the harvest lot. **Example.** If the grow site name is Field 1 and the grower plans to cultivate two harvest lots in the 2019 calendar year, the following are appropriate harvest lot identifiers: Field 1-2019-001 and Field 1-2019-002
- To request sampling and testing, submit a complete copy of this Hemp Sampling Request Form:
    - To a licensed and accredited laboratory of your choice according to the laboratory's procedures for requesting sampling; OR
    - To request ODA sampling and testing, submit the form to hemptestreports@oda.state.or.us.

Oregon Department of Agriculture Hemp Program Phone: (503) 986-4652 Email: industrial.hemp@oda.state.or.us Web site: https://oda.direct/hemp
Rev. 6/13/2019, Page 1 of 3.

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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: 2000219**

Laboratory Control Sample

Analyte	Result		Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.0418		0.04	%	104	85.0 - 115	Acceptable	
CBDV	0.0396		0.04	%	99.0	85.0 - 115	Acceptable	
CBD-A	0.0404		0.04	%	101	85.0 - 115	Acceptable	
CBG-A	0.0419		0.04	%	105	85.0 - 115	Acceptable	
CBG	0.0408		0.04	%	102	85.0 - 115	Acceptable	
CBD	0.0412		0.04	%	103	85.0 - 115	Acceptable	
THCV	0.0409		0.04	%	102	85.0 - 115	Acceptable	
THCVA	0.0419		0.04	%	105	85.0 - 115	Acceptable	
CBN	0.0406		0.04	%	102	85.0 - 115	Acceptable	
THC	0.0403		0.04	%	101	85.0 - 115	Acceptable	
D8THC	0.0412		0.04	%	103	85.0 - 115	Acceptable	
CBL	0.0410		0.04	%	103	85.0 - 115	Acceptable	
CBC	0.0421		0.04	%	105	85.0 - 115	Acceptable	
THCA	0.0392		0.04	%	98.1	85.0 - 115	Acceptable	
CBCA	0.0411		0.04	%	103	85.0 - 115	Acceptable	

Method Blank

Analyte	Result		LOQ	Units		Limits	Evaluation	Notes
CBDV-A	<LOQ		0.03	%		< 0.03	Acceptable	
CBDV	<LOQ		0.03	%		< 0.03	Acceptable	
CBD-A	<LOQ		0.03	%		< 0.03	Acceptable	
CBG-A	<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	
THCVA	<LOQ		0.03	%		< 0.03	Acceptable	
CBN	<LOQ		0.03	%		< 0.03	Acceptable	
THC	<LOQ		0.03	%		< 0.03	Acceptable	
D8THC	<LOQ		0.03	%		< 0.03	Acceptable	
CBL	<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	

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 Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2000219**

Sample Duplicate Sample ID: **20-000107-0001**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	**0.00694**	**0.00670**	0.03	%	3.48	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBD-A	**2.04**	**2.03**	0.03	%	0.462	< 20	Acceptable	
CBG-A	**0.122**	**0.122**	0.03	%	0.090	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBD	**0.421**	**0.419**	0.03	%	0.614	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
THC	**0.0337**	**0.0340**	0.03	%	0.968	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
THCA	**0.0562**	**0.0560**	0.03	%	0.189	< 20	Acceptable	
CBCA	**0.0774**	**0.0791**	0.03	%	2.11	< 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	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.

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