



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



Report Number: 20-012700/D02.R01
Report Date: 12/16/2020
ORELAP#: OR100028
Purchase Order:
Received: 11/18/20 09:35

This is an amended version of report# 20-012700/D02.R00.
 Reason: Corrected product identity.

Customer: Oregon CBD
Product identity: HT5-2020-001; Sour Suver Haze Seedless
Client/Metric ID: .
Laboratory ID: 20-012700-0001 **Sample Date:** 11/18/20 08:40

Summary

Potency:

Analyte	Result (%)		
CBD-A	3.79		CBD-Total
CBD	0.400		3.72%
CBG-A†	0.238		THC-Total
CBC-A†	0.160		0.146%
THC-A	0.114		(Reported in percent of total sample)
Δ9-THC	0.0462		
CBG†	0.0308		



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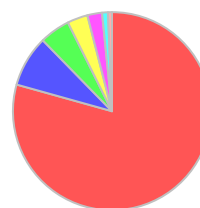
Customer: Oregon CBD

Product identity: HT5-2020-001; Sour Suver Haze Seedless
Client/Metric ID: .
Sample Date: 11/18/20 08:40
Laboratory ID: 20-012700-0001
Temp: 18.1 °C

Sample Results

Potency **Method J AOAC 2015 V98-6 (mod)** **Batch: 2009799** **Analyze: 11/20/20 3:26:00 PM**

Analyte	As Received	Dry weight	LOQ	Notes
CBC	< LOQ		0.0291	
CBC-A†	0.160		0.0291	
CBC-Total†	0.140		0.0547	
CBD	0.400		0.0291	
CBD-A	3.79		0.0291	
CBD-Total	3.72		0.0547	
CBDV†	< LOQ		0.0291	
CBDV-A†	< LOQ		0.0291	
CBDV-Total†	< LOQ		0.0544	
CBG†	0.0308		0.0291	
CBG-A†	0.238		0.0291	
CBG-Total	0.240		0.0544	
CBL†	< LOQ		0.0291	
CBN	< LOQ		0.0291	
Δ8-THC†	< LOQ		0.0291	
Δ9-THC	0.0462		0.0291	
THC-A	0.114		0.0291	
THC-Total	0.146		0.0547	
THCV†	< LOQ		0.0291	
THCV-A†	< LOQ		0.0291	
THCV-Total†	< LOQ		0.0544	
Total Cannabinoids†	4.78			



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



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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 = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Cannabis Chain of Custody Record

Company: **Oregon CBD**
Contact: **Seth Crawford**
Address: **3395 S Pacific HWY W, Independence, OR 97351**
Email: **seth@jackhempicne.com**
Phone: **541-760-5419** Fax: _____
Processor's License: _____

Analysis Requested

Pesticides	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Microbiology	Metals

Oregon CBD 20-012700

IXIS Labs

ber: _____
ID: _____
 Email Final Results
 Fax Final Results
 Cash/Check/CC/Net 30
 Other: _____

Field ID	Date/Time Collected	Matrix	Weight	Comments	Cont #'s

Collected By: _____

Standard 5 day
 Rush (1.5 x Standard)
 Priority Rush (2 x Standard)
Ask About Availability

Relinquished By: Seth Crawford

Date: 11/18/20 Time: 9:00am

Date: 11/18/20 Time: 10:35

Received By: Flagit Alan

Date: 11/18/20 Time: 09:35

Labs Use Only:

Client Alias: _____

Order Number: _____

Proper Container
 Sample Condition
 Temperature
 Shipped Vial

Evidence of cooling: Yes No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIKS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM



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Oregon Department of Agriculture
HEMP ON-SITE SAMPLING FORM
(for laboratory use only)

Complete one copy of this Hemp On-Site Sampling form for each harvest lot or production area.

LABORATORY INFORMATION

Laboratory Name: Columbia Food Labs	Sampler Name (Printed): Gina Erdmann	Date: 11/18/20
Registered Grower Name: Jack Hempstone LLC	Registered Grower Business Name (if applicable):	Number of Harvest Lots Sampled: 1
Time Sampling Started: 9:46 AM	Representative (present at the time of sampling):	

HEMP SAMPLING AREA – MUST BE A REGISTERED GROWING AREA

Grow Site Name: Hiltop	Production Area Name: HTS	Harvest Lot Name (if applicable): HTS -2020-001 <i>(production area name)</i> <i>(lot #)</i>
Physical Address: 4200 Independence HWY	City: Astoria	Zip Code: 97101
GPS Coordinates: Latitude: 44.6829130, -123.1855558 <i>(must be in decimal format, eg. 43.123456, -123.45678)</i>	Longitude: -123.1855558	Total Size of Production Area: ____ Acres or 3000 Square Feet
Area Type: (e.g. field, greenhouse, indoor) Greenhouse	Intended Use For Hemp Crop: (e.g. flower, seed, fiber, biomass) Seed	Declared Start Harvest Date: (must be no longer than 28 days from sample date) 12/7/20

Written Description: Describe the location of the production area or harvest lot such that the growing area is apparent from a visual inspection of the premises and is easily discernible from other production areas and harvest lots:
 The greenhouse complex is accessible via Mint Avenue, the closest address is 7744 NW Mint Avenue. Travel to the end of Mint Avenue, then find the greenhouses north. HTS is the most NE greenhouse in the complex, with "HTS" labeled on the door.

Oregon Department of Agriculture Hemp Program Phone: (503) 946-4632 Email: hemp@oda.or.gov
 Web site: <http://oda.alberta.ca/hemp>



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Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2009799

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDA	0.0427	0.04	%	107	85.0 - 115	Acceptable	
CBV	0.0432	0.04	%	108	85.0 - 115	Acceptable	
CBDA	0.0419	0.04	%	105	85.0 - 115	Acceptable	
CBG-A	0.0423	0.04	%	106	85.0 - 115	Acceptable	
CBG	0.0432	0.04	%	108	85.0 - 115	Acceptable	
CB	0.0435	0.04	%	109	85.0 - 115	Acceptable	
THCV	0.0432	0.04	%	108	85.0 - 115	Acceptable	
THCVA	0.0411	0.04	%	103	85.0 - 115	Acceptable	
CBN	0.0426	0.04	%	106	85.0 - 115	Acceptable	
THC	0.0416	0.04	%	104	85.0 - 115	Acceptable	
DBTHC	0.0431	0.04	%	108	85.0 - 115	Acceptable	
CB	0.0429	0.04	%	107	85.0 - 115	Acceptable	
CB	0.0457	0.04	%	114	85.0 - 115	Acceptable	
THCA	0.0416	0.04	%	104	85.0 - 115	Acceptable	
CBDA	0.0413	0.04	%	103	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDA	<LOQ	0.03	%	< 0.03	Acceptable	
CBV	<LOQ	0.03	%	< 0.03	Acceptable	
CBDA	<LOQ	0.03	%	< 0.03	Acceptable	
CBG-A	<LOQ	0.03	%	< 0.03	Acceptable	
CBG	<LOQ	0.03	%	< 0.03	Acceptable	
CB	<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	
DBTHC	<LOQ	0.03	%	< 0.03	Acceptable	
CB	<LOQ	0.03	%	< 0.03	Acceptable	
CB	<LOQ	0.03	%	< 0.03	Acceptable	
THCA	<LOQ	0.03	%	< 0.03	Acceptable	
CBDA	<LOQ	0.03	%	< 0.03	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- FPD - Relative Percent Difference
- LOQ - Limit of Quantitation

Units of Measure

% - Percent



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Revision #: 0.00 Control : CFL-D06
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2009799						
Sample Duplicate		Sample ID: 20-012663-0001						
Analyte	Result	Org. Result	LOQ	Units	FPD	Limits	Evaluation	Notes
CBV-A	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CB-A	1.85	1.84	0.03	%	0.211	< 20	Acceptable	
CB-A	0.101	0.103	0.03	%	2.13	< 20	Acceptable	
CB	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CB	0.578	0.586	0.03	%	1.31	< 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	0.0347	0.0422	0.03	%	19	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CB	0.0686	0.0705	0.03	%	2.75	< 20	Acceptable	
THCA	0.0503	0.0602	0.03	%	18	< 20	Acceptable	
CBDA	0.251	0.273	0.03	%	8.14	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- FPD - 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	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.