



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



Report Number: 21-001673/D02.R00
Report Date: 02/19/2021
ORELAP#: OR100028
Purchase Order:
Received: 02/17/21 16:40

Customer: HH Processing
Product identity: 2021-0067 (HHP-75-1234)
Client/Metric ID: .
Laboratory ID: 21-001673-0003

Sample Date: 02/17/21

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	55.2		mg/1g		CBD-Total per 1g 55.2 mg/1g
CBDV per 1g [†]	0.184		mg/1g		THC-Total per 1g <LOQ
					(Reported in milligrams per serving)



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Product identity: 2021-0067 (HHP-75-1234)
Client/Metric ID: .
Sample Date: 02/17/21
Laboratory ID: 21-001673-0003
Temp: 18.6 °C
Serving Size #1: 1 g

Sample Results

Potency per 1g		Method J AOAC 2015 V98-6 (mod)		Batch: 2101488		Analyze: 2/18/21 5:49:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes		
CBC per 1g [†]	< LOQ		mg/1g	0.0319			
CBC-A per 1g [†]	< LOQ		mg/1g	0.0319			
CBC-Total per 1g [†]	< LOQ		mg/1g	0.0600			
CBD per 1g	55.2		mg/1g	0.319			
CBD-A per 1g	< LOQ		mg/1g	0.0319			
CBD-Total per 1g	55.2		mg/1g	0.347			
CBDV per 1g [†]	0.184		mg/1g	0.0319			
CBDV-A per 1g [†]	< LOQ		mg/1g	0.0319			
CBDV-Total per 1g [†]	0.184		mg/1g	0.0596			
CBG per 1g [†]	< LOQ		mg/1g	0.0319			
CBG-A per 1g [†]	< LOQ		mg/1g	0.0319			
CBG-Total per 1g [†]	< LOQ		mg/1g	0.0596			
CBL per 1g [†]	< LOQ		mg/1g	0.0319			
CBN per 1g	< LOQ		mg/1g	0.0319			
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.0319			
Δ9-THC per 1g	< LOQ		mg/1g	0.0319			
THC-A per 1g	< LOQ		mg/1g	0.0319			
THC-Total per 1g	< LOQ		mg/1g	0.0600			
THCV per 1g [†]	< LOQ		mg/1g	0.0319			
THCV-A per 1g [†]	< LOQ		mg/1g	0.0319			
THCV-Total per 1g [†]	< LOQ		mg/1g	0.0600			
Total Cannabinoids 1g[†]	55.4		mg/1g				

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0430



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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

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

g = Gram

mg/1g = Milligram per 1g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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HHPROCESSING 21-001673



HH Processing



**Hemp Products
 Chain of Custody Record**

Revision: 0.00 Control#: CF002 Rev: 02/27/2020 Eff: 02/27/2020
 ORELAP ID: OR100028

Company: <u>HH Processors</u> Contact: <u>Brandon Cassens</u> Street: <u>14708 NE 13th Ct</u> City: <u>Vancouver</u> State: <u>WA</u> Zip: <u>98685</u> <input checked="" type="checkbox"/> Email Results: <u>bcassens@igcinc.us</u> Ph: <u>(503) 789-6421</u> <input type="checkbox"/> Fx Results: () Billing (if different): <u>billing@igcinc.us</u>			Analysis Requested (Grid for analysis requests)							PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turn-around time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush * <input checked="" type="checkbox"/> Priority Rush * *Ask for availability <u>BC 2/17/21</u> Sampled by: _____		
Lab ID	Client Sample Identification	Date	Potency						Sample Type †	Report units (potency)	Serving size (edibles)	Comments/Metric ID
1	2021-0054 ↳ Item HHP-75-1231	2/17/21	✓						L	ma/a		
2	2021-0056 ↳ Item HHP-75-1233	2/17/21	✓						L	ma/a		
3	2021-0067 ↳ Item HHP-75-1234	2/17/21	✓						L	ma/a		
Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:						
<u>B. Cassens</u>	<u>2/17</u>	<u>3pm</u>	<u>Jen Shiler</u>	<u>2/17/21</u>	<u>16:40</u>	<input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> yes <input checked="" type="checkbox"/> No - Temp (°C): <u>18.6</u> Sample in good condition: <input checked="" type="checkbox"/> yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prelog storage: _____						

† - Sample type codes: Topicals (L); Edibles (E); Tincture (T); Bath Salts (S); Beverages (B)
 Report unit options: % ; mg/g ; mg/serving

Samples submitted to CL 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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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: 0**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.0105	0.01	%	105	85.0 - 115	Acceptable	
CBDV	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBD-A	0.00983	0.01	%	98.3	85.0 - 115	Acceptable	
CBG-A	0.00993	0.01	%	99.3	85.0 - 115	Acceptable	
CBG	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBD	0.00998	0.01	%	99.8	85.0 - 115	Acceptable	
THCV	0.0102	0.01	%	102	85.0 - 115	Acceptable	
THCVA	0.00957	0.01	%	95.7	85.0 - 115	Acceptable	
CBN	0.0105	0.01	%	105	85.0 - 115	Acceptable	
THC	0.0101	0.01	%	101	85.0 - 115	Acceptable	
D8THC	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBL	0.00955	0.01	%	95.5	85.0 - 115	Acceptable	
CBC	0.0105	0.01	%	105	85.0 - 115	Acceptable	
THCA	0.00991	0.01	%	99.1	85.0 - 115	Acceptable	
CBCA	0.01000	0.01	%	100.0	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBD-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
THC	<LOQ	0.003	%	< 0.003	Acceptable	
D8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<LOQ	0.003	%	< 0.003	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: 0						
Sample Duplicate		Sample ID: 21-001596-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	0.00759	0.00725	0.003	%	4.55	< 20	Acceptable	
CBDV	0.0175	0.0167	0.003	%	4.36	< 20	Acceptable	
CBD-A	0.270	0.256	0.003	%	5.17	< 20	Acceptable	
CBG-A	0.00525	0.00475	0.003	%	10.0	< 20	Acceptable	
CBG	0.00872	0.00794	0.003	%	9.38	< 20	Acceptable	
CBD	1.45	1.45	0.003	%	0.507	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THC	0.0188	0.0183	0.003	%	2.49	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.0756	0.0708	0.003	%	6.53	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	0.0310	0.0356	0.003	%	14.1	< 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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Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2101488**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.0105	0.01	%	105	85.0 - 115	Acceptable	
CBDV	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBD-A	0.00983	0.01	%	98.3	85.0 - 115	Acceptable	
CBG-A	0.00993	0.01	%	99.3	85.0 - 115	Acceptable	
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CBL	0.00955	0.01	%	95.5	85.0 - 115	Acceptable	
CBC	0.0105	0.01	%	105	85.0 - 115	Acceptable	
THCA	0.00991	0.01	%	99.1	85.0 - 115	Acceptable	
CBCA	0.01000	0.01	%	100.0	85.0 - 115	Acceptable	

Method Blank

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CBD-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
THC	<LOQ	0.003	%	< 0.003	Acceptable	
D8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
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CBDV-A	0.00759	0.00725	0.003	%	4.55	< 20	Acceptable	
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CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THC	0.0188	0.0183	0.003	%	2.49	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
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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.