



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



Report Number: 21-001491/D04.R00
Report Date: 02/19/2021
ORELAP#: OR100028
Purchase Order:
Received: 02/10/21 10:27

Customer: HH Processing
Product identity: #52038 CBD Soft Gels Holief
Client/Metric ID: .
Laboratory ID: 21-001491-0003

Sample Date: 02/09/21

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g [†]	0.127		mg/1g		CBD-Total per 1g 53.0 mg/1g
CBD per 1g	53.0		mg/1g		
CBDV per 1g [†]	0.221		mg/1g		THC-Total per 1g <LOQ
CBG per 1g [†]	0.0861		mg/1g		(Reported in milligrams per serving)
CBL per 1g [†]	0.0467		mg/1g		
CBN per 1g	0.270		mg/1g		



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Customer: HH Processing

Product identity: #52038 CBD Soft Gels
Client/Metric ID: .
Sample Date: 02/09/21
Laboratory ID: 21-001491-0003
Relinquished by: UPS
Temp: 14.4 °C
Serving Size #1: 1 g

Sample Results

Potency per 1g		Method J AOAC 2015 V98-6 (mod)		Batch: 2101389	Analyze: 2/16/21 5:11:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g†	0.127		mg/1g	0.0327	
CBC-A per 1g†	< LOQ		mg/1g	0.0327	
CBC-Total per 1g†	0.127		mg/1g	0.0614	
CBD per 1g	53.0		mg/1g	3.27	
CBD-A per 1g	< LOQ		mg/1g	0.0327	
CBD-Total per 1g	53.0		mg/1g	3.30	
CBDV per 1g†	0.221		mg/1g	0.0327	
CBDV-A per 1g†	< LOQ		mg/1g	0.0327	
CBDV-Total per 1g†	0.221		mg/1g	0.0611	
CBG per 1g†	0.0861		mg/1g	0.0327	
CBG-A per 1g†	< LOQ		mg/1g	0.0327	
CBG-Total per 1g†	0.0861		mg/1g	0.0611	
CBL per 1g†	0.0467		mg/1g	0.0327	
CBN per 1g	0.270		mg/1g	0.0327	
Δ8-THC per 1g†	< LOQ		mg/1g	0.0327	
Δ9-THC per 1g	< LOQ		mg/1g	0.0327	
THC-A per 1g	< LOQ		mg/1g	0.0327	
THC-Total per 1g	< LOQ		mg/1g	0.0614	
THCV per 1g†	< LOQ		mg/1g	0.0327	
THCV-A per 1g†	< LOQ		mg/1g	0.0327	
THCV-Total per 1g†	< LOQ		mg/1g	0.0615	
Total Cannabinoids 1g†	53.8		mg/1g		



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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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Hemp Products
Chain of Custody Record
Revision: 0.00 Control#: CF002 Rev: 02/27/2020 Eff: 02/27/2020
ORELAP ID: **OR100028**

21-001491

Company: HH Processors			Analysis Requested						PO Number: _____			
Contact: B. Cassens									Project Number: _____			
Street: 14708 NE 13th Ct									Project Name: _____			
City: Vancouver State: WA Zip: 98685									Custom Reporting: _____			
Email Results: bcassens@igcinc.us									Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____			
Ph: (503) 7896421 <input type="checkbox"/> Fx Results: ()									Turn-around time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * *Ask for availability			
Billing (if different):									Sampled by: _____			
Lab ID	Client Sample Identification	Date	Potency	Ethanol	Methanol				Sample Type †	Report units (potency)	Serving size (edibles)	Comments/Metric ID
1	• 2021-0052 Menthol Balm	2/9/21	X						L	mg/g		
2	• 2021-0051 Body Butter	2/9/21	X						L	mg/g		
3	• #52038 CBD Soft Gels	2/9/21	X						E	mg/g	1	
4	• Sanitizer Spray	2/9/21		X	X				L	% (w/w)		
Relinquished By:		Date	Time	Received by:		Date	Time	Lab Use Only:				
J. Cassens		2/9/21	3pm	JB		2/10/21	10:27	<input checked="" type="checkbox"/> Shipped Via: UPS or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> yes <input checked="" type="checkbox"/> No - Temp (°C): 14.4 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

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info@columbiaboratories.com

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**Hemp / Cannabis Usable / Extract
 Chain of Custody Record**

21-001491

Revision: 3.01 Control#: CF023 Rev 02/26/2020 Eff: 02/27/2020
 ORELAP ID: OR100028

Company: <u>HHP 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):				Analysis Requested <input type="checkbox"/> Pesticides - OR 59 compounds <input type="checkbox"/> Pesticide Multi-Residue - 379 compounds <input type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpenes <input type="checkbox"/> Micro: Yeast and Mold <input type="checkbox"/> Micro: E. Coli and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Mycotoxins <input type="checkbox"/> Other:										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: Turnaround time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * *Check for availability Sampled by: _____			
Lab ID	Client Sample Identification	Date	Time	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other:	Sample Type †	Weight (Units)	Comments/Metric ID
5	CBD Isolate ↳ Lot # IHP81320	2/1/21				X	X					X			C	3 grams	
	CBD 80% Gels ↳ Lot # 52058	2/1/21													E	10 pcs (5g)	(0.5g/50g gel)
Relinquished By:			Date	Time	Received By:			Date	Time	Lab Use Only:							
<u>B. Cassens</u>			<u>2/1/21</u>	<u>4pm</u>	<u>JB</u>			<u>2/10/21</u>	<u>10:27</u>	<input checked="" type="checkbox"/> Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>14.4</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: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C)

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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Columbia Laboratories
Sample Receipt Form

Revision: 1.01 Document Control: CF015
Revised: 02/28/2020 Effective: 02/28/2020

Job Number: 21-001491 Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 2/10/21 Time: 10:27

Received By (Initials): JB

- 1) Were custody seals on outside of the package/cooler? YES NO NA
If YES, how many and where? _____
- Were signature and date correct? ----- YES NO NA
- 2) Were custody papers included in the package/cooler? YES NO NA
- 3) Were custody papers properly filled out (ink, sign, date)? YES NO NA
- 4) Did you sign custody papers in the appropriate place? YES NO NA

5) How was the package/cooler delivered?
UPS FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 1Z 83X 4Y3 03 0220 7164

6) Was packing material used? YES NO NA
Peanuts Bubble Wrap Foam Paper Other: _____

7) Was sufficient ice used (if appropriate)? YES NO NA
What kind?
Blue Ice Ice Cooler Packs Dry Ice

- 8) Were all sample containers sealed in separate plastic bags? YES NO NA
- 9) Did all sample containers arrive in good condition? YES NO NA
- 10) Were all sample container labels complete? YES NO NA
- 11) Did all sample container labels and tags agree with the coc? YES NO NA
- 12) Were correct sample containers used for the tests indicated? YES NO NA
- 13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA
- 14) Was a sufficient amount of sample sent in each sample container? YES NO NA

15) Temperature of the samples upon receipt (See SOP for proper temps) 14.4 °C

16) Sample location prior to login: R25 R39 R44 F44 Ambient Shelf Cannabis Table Other: _____

Explain any discrepancies: _____

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

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2101389								
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDV-A	0.00931	0.01	%	93.1	85.0 - 115	Acceptable		
CBDV	0.00905	0.01	%	90.5	85.0 - 115	Acceptable		
CBD-A	0.00927	0.01	%	92.7	85.0 - 115	Acceptable		
CBG-A	0.00907	0.01	%	90.7	85.0 - 115	Acceptable		
CBG	0.00937	0.01	%	93.7	85.0 - 115	Acceptable		
CBD	0.00945	0.01	%	94.5	85.0 - 115	Acceptable		
THCV	0.00975	0.01	%	97.5	85.0 - 115	Acceptable		
THCVA	0.00866	0.01	%	86.6	85.0 - 115	Acceptable		
CBN	0.00966	0.01	%	96.6	85.0 - 115	Acceptable		
THC	0.00949	0.01	%	94.9	85.0 - 115	Acceptable		
D8THC	0.00912	0.01	%	91.2	85.0 - 115	Acceptable		
CBL	0.00884	0.01	%	88.4	85.0 - 115	Acceptable		
CBC	0.00928	0.01	%	92.8	85.0 - 115	Acceptable		
THCA	0.00911	0.01	%	91.1	85.0 - 115	Acceptable		
CBCA	0.00965	0.01	%	96.5	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 #: 0.00 Control : CFL-D06
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2101389						
Sample Duplicate				Sample ID: 21-001335-0001-01				
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00659	0.00663	0.003	%	0.721	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 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	0.329	0.330	0.003	%	0.524	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 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	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.