



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



Report Number: 21-004813/D03.R00
Report Date: 05/06/2021
ORELAP#: OR100028
Purchase Order:
Received: 04/30/21 10:36

Customer: HH Processing

Product identity: 2021-0056 Holief Mentholated Womens Cream
Client/Metric ID: .
Sample Date: 04/29/21 09:30
Laboratory ID: 21-004813-0003
Evidence of Cooling: No
Temp: 21.2 °C
Serving Size #1: 1 g

Sample Results

Potency per 1g					
Method J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2104051 Analyze: 5/4/21 8:36:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g [†]	< LOQ		mg/1g	0.0328	
CBC-A per 1g [†]	< LOQ		mg/1g	0.0328	
CBC-Total per 1g [†]	< LOQ		mg/1g	0.0615	
CBD per 1g	58.5		mg/1g	0.328	
CBD-A per 1g	< LOQ		mg/1g	0.0328	
CBD-Total per 1g	58.5		mg/1g	0.357	
CBDV per 1g [†]	0.212		mg/1g	0.0328	
CBDV-A per 1g [†]	< LOQ		mg/1g	0.0328	
CBDV-Total per 1g [†]	0.212		mg/1g	0.0612	
CBG per 1g [†]	< LOQ		mg/1g	0.0328	
CBG-A per 1g [†]	< LOQ		mg/1g	0.0328	
CBG-Total per 1g [†]	< LOQ		mg/1g	0.0612	
CBL per 1g [†]	< LOQ		mg/1g	0.0328	
CBN per 1g	< LOQ		mg/1g	0.0328	
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.0328	
Δ9-THC per 1g	< LOQ		mg/1g	0.0328	
THC-A per 1g	< LOQ		mg/1g	0.0328	
THC-Total per 1g	< LOQ		mg/1g	0.0615	
THCV per 1g [†]	< LOQ		mg/1g	0.0328	
THCV-A per 1g [†]	< LOQ		mg/1g	0.0328	
THCV-Total per 1g [†]	< LOQ		mg/1g	0.0616	



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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

21-004813

Company: HH Processors Contact: Brandon Cassens Street: 14708 NE 13th Ct City: Vancouver State: WA Zip: 98685 <input checked="" type="checkbox"/> Email Results: bcassens@igcinc.us Ph: (503) 789-6421 <input type="checkbox"/> Fx Results: () Billing (if different): billing@igcinc.us			Analysis Requested						PO Number: _____ Project Number: _____ Project Name: <u>Holief 3mo. Shelf Study</u> Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turn-around time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * *Ask for availability Sampled by: _____			
Lab ID	Client Sample Identification	Date	Potency					Sample Type †	Report units (potency)	Serving size (edibles)	Comments/Metric ID	
1	2021-0054 ↳ Holief Lavender Cream	4/29/21	X					L	mg/g	57g		
2	2021-0055 ↳ Holief Muscle Gel	4/29/21	X					L	mg/g	57g		
3	2021-0056 ↳ Holief Mentholated Womens Cream	4/29/21	X					L	mg/g	57g		
4	2021-0067 ↳ Holief Womens Cream	4/29/21	X					L	mg/g	57g		
Relinquished By:		Date	Time	Received by:		Date	Time	Lab Use Only:				
B. Cassens		4/29	3pm	B. Cassens		4/30/21	10:36	<input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> yes <input checked="" type="checkbox"/> No - Temp (°C): <u>21.2</u> Sample in good condition: <input 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 (T) ; Edibles (E) ; Tincture (T) ; Bath Salts (S) ; Beverages (B)
Report unit options: % ; mg/g ; mg/serving

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Columbia Laboratories
Sample Receipt Form

Revision: 2.00 Document Control: CF015
Revised: 01/11/2021 Effective: 05/16/2021

Job Number: 21-004813 Search Name:

Package/Cooler opened on (if different than received date/time) Date: 4-30-21 Time: 10:36 AM

Received By (Initials): RL Logged in by (Initials): Date: Time:

1) Were custody seals on outside of the package/cooler? YES NO NA

Does date match collection date on COC? YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER:

Tracking Number (written in or copy of shipping label): 1Z 3AW 574 03 3433 6428

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other:

6) Was temperature upon receipt 4°C+ 2°C (if appropriate)? YES NO NA

If not, client contacted: Proceed?

7) Was there evidence of cooling? 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

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other:

Explain any discrepancies:



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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: 2104051**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00984	0.01	%	98.4	85.0 - 115	Acceptable	
CBDV	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBD-A	0.0100	0.01	%	100	85.0 - 115	Acceptable	
CBG-A	0.00985	0.01	%	98.5	85.0 - 115	Acceptable	
CBG	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBD	0.0115	0.01	%	115	85.0 - 115	Acceptable	
THCV	0.0102	0.01	%	102	85.0 - 115	Acceptable	
THCVA	0.00963	0.01	%	96.3	85.0 - 115	Acceptable	
CBN	0.0107	0.01	%	107	85.0 - 115	Acceptable	
THC	0.0109	0.01	%	109	85.0 - 115	Acceptable	
D8THC	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBL	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBC	0.0104	0.01	%	104	85.0 - 115	Acceptable	
THCA	0.0105	0.01	%	105	85.0 - 115	Acceptable	
CBCA	0.0109	0.01	%	109	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

J AOAC 2015 V98-6		Batch ID: 2104051						
Sample Duplicate		Sample ID: 21-004750-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0198	0.0204	0.003	%	2.99	< 20	Acceptable	
CBD-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0272	0.0279	0.003	%	2.69	< 20	Acceptable	
CBD	2.59	2.62	0.003	%	1.48	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.0439	0.0439	0.003	%	0.0596	< 20	Acceptable	
THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	0.00748	0.00711	0.003	%	5.1	< 20	Acceptable	
CBC	0.108	0.108	0.003	%	0.40	< 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.