



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



Report Number: 21-009811/D005.R000
Report Date: 08/31/2021
ORELAP#: OR100028
Purchase Order:
Received: 08/24/21 10:37

Customer: Holi Hemp LLC
Product identity: 2021-0055 Holief Muscle Gel
Client/Metric ID: .
Laboratory ID: 21-009811-0002

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	40.8		mg/1g		CBD-Total per 1g 40.8 mg/1g
CBDV per 1g ¹	0.128		mg/1g		
CBE per 1g ¹	0.121		mg/1g		THC-Total per 1g <LOQ
(Reported in milligrams per serving)					



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Customer: Holi Hemp LLC
 14708 NE 13th Ct
 Vancouver Washington 98685
 United States of America (USA)

Product identity: 2021-0055 Holief Muscle Gel

Client/Metric ID: .

Sample Date:

Laboratory ID: 21-009811-0002

Evidence of Cooling: No

Temp: 24.7 °C

Relinquished by: USPS

Serving Size #1: 1 g

Sample Results

Potency per 1g					
Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2107672 Analyze: 8/25/21 11:57:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g [†]	< LOQ		mg/1g	0.0325	
CBC-A per 1g [†]	< LOQ		mg/1g	0.0325	
CBC-Total per 1g [†]	< LOQ		mg/1g	0.0609	
CBD per 1g	40.8		mg/1g	0.325	
CBD-A per 1g	< LOQ		mg/1g	0.0325	
CBD-Total per 1g	40.8		mg/1g	0.353	
CBDV per 1g [†]	0.128		mg/1g	0.0325	
CBDV-A per 1g [†]	< LOQ		mg/1g	0.0325	
CBDV-Total per 1g [†]	0.128		mg/1g	0.0606	
CBE per 1g [†]	0.121		mg/1g	0.0325	
CBG per 1g [†]	< LOQ		mg/1g	0.0325	
CBG-A per 1g [†]	< LOQ		mg/1g	0.0325	
CBG-Total per 1g [†]	< LOQ		mg/1g	0.0606	
CBL per 1g [†]	< LOQ		mg/1g	0.0325	
CBL-A per 1g [†]	< LOQ		mg/1g	0.0325	
CBL-Total per 1g [†]	< LOQ		mg/1g	0.0609	
CBN per 1g	< LOQ		mg/1g	0.0325	
CBT per 1g [†]	< LOQ		mg/1g	0.0325	
Δ8-THCV per 1g [†]	< LOQ		mg/1g	0.0325	
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.0325	
Δ9-THC per 1g	< LOQ		mg/1g	0.0325	
exo-THC per 1g [†]	< LOQ		mg/1g	0.0325	
THC-A per 1g	< LOQ		mg/1g	0.0325	
THC-Total per 1g	< LOQ		mg/1g	0.0609	
THCV per 1g [†]	< LOQ		mg/1g	0.0325	
THCV-A per 1g [†]	< LOQ		mg/1g	0.0325	
THCV-Total per 1g [†]	< LOQ		mg/1g	0.0610	
Total Cannabinoids per 1g	41.0		mg/1g		



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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

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

21-009811

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 Potency				PO Number: _____ Project Number: _____ Project Name: _____ 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		
	2021-0054 ↳ Holief Lavender Cream	8/23	X	L	mg/g	57g			
	2021-0055 ↳ Holief Muscle Gel	8/23	X	L	mg/g	57g			
	2021-0056 ↳ Holief Mentholated Womens Cream	8/23	X	L	mg/g	57g			
	2021-0057 ↳ Holief Womens Cream	8/23	X	L	mg/g	57g			
Relinquished By:		Date	Time	Received by:		Date	Time	Lab Use Only:	
B. Cassens		8/23/21	3pm	Cass		8/24/21	1037	<input checked="" type="checkbox"/> Shipped Via: <u>USPS</u> or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> yes <input checked="" type="checkbox"/> No - Temp (°C): <u>24.7</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: <u>CAN</u>	

† - **Sample type codes:** Topicals (T); 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.
 12423 NE Whitaker Way
 Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452
 info@columbialaboratories.com

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 www.columbialaboratories.com



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Columbia Laboratories
Sample Receipt Form

Revision: 2.00 Document Control #: CP015
Revised: 01/11/2021 Effective: 05/16/2021

Job Number: _____ Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 8/24 Time: 1057

Received By (Initials): CA Logged in by (Initials): _____ Date: _____ Time: _____

1) Were custody seals on outside of the package/cooler? YES NO NA
If YES, how many and where? _____

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): 9400 111 0943 5485 046965

5) Was packing material used? YES NO NA
5485 cur 8/24

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? YES NO

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

15) 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: 2107672**

Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.00973	0.01	%	97.3	85.0 - 115	Acceptable	
CBDV	0.0105	0.01	%	105	85.0 - 115	Acceptable	
CBE	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBD A	0.00997	0.01	%	99.7	85.0 - 115	Acceptable	
CBGA	0.00979	0.01	%	97.9	85.0 - 115	Acceptable	
CBG	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBD	0.0106	0.01	%	106	85.0 - 115	Acceptable	
THCV	0.0101	0.01	%	101	85.0 - 115	Acceptable	
d8THCV	0.0101	0.01	%	101	85.0 - 115	Acceptable	
THCVA	0.00928	0.01	%	92.8	85.0 - 115	Acceptable	
CBN	0.0109	0.01	%	109	85.0 - 115	Acceptable	
exo-THC	0.00957	0.01	%	95.7	85.0 - 115	Acceptable	
d9THC	0.0103	0.01	%	103	85.0 - 115	Acceptable	
d8THC	0.0103	0.01	%	103	85.0 - 115	Acceptable	
CBL	0.00939	0.01	%	93.9	85.0 - 115	Acceptable	
CBC	0.0107	0.01	%	107	85.0 - 115	Acceptable	
THCA	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBCA	0.00962	0.01	%	96.2	85.0 - 115	Acceptable	
CBLA	0.0105	0.01	%	105	85.0 - 115	Acceptable	
CBT	0.0107	0.01	%	107	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBD A	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<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	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<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	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<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: 2107672								
Sample Duplicate								
Sample ID: 21-009738-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0842	0.0861	0.003	%	2.31	< 20	Acceptable	
CBE	0.167	0.173	0.003	%	3.50	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0584	0.0601	0.003	%	2.94	< 20	Acceptable	
CBD	19.3	19.2	0.003	%	0.519	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.111	0.114	0.003	%	1.94	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.0147	0.0147	0.003	%	0.157	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	0.0153	0.0159	0.003	%	3.70	< 20	Acceptable	
CBC	0.152	0.155	0.003	%	2.22	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	0.153	0.154	0.003	%	0.192	< 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.