Columbia
LABORATORIES
A Tentamus Company

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

Report Number: 20-007247/D03.R00
Report Date: 07/17/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/13/20 16:09

Customer: Healthy Roots
Product identity: 50mg Lavender Purple Bath Bomb
Client/Metrc ID: .
Laboratory ID: 20-007247-0003

Summary

Potency:

Analyte	Result	Limits	Units	Status
CBC-A[†]	0.00154		%	
CBD	0.0108		%	
CBD-A	0.0225		%	
CBG-A[†]	0.000952		%	
Δ9-THC	0.000813		%	

Analyte per 203g	Result	Limits	Units	Status
CBC-A per 203g	3.13		mg/203g	
CBD per 203g	21.9		mg/203g	
CBD-A per 203g	45.7		mg/203g	
CBG-A per 203g	1.93		mg/203g	
Δ9-THC per 203g	1.65		mg/203g	

CBD-Total per 203g	62.0 mg/203g
THC-Total per 203g	<LOQ

(Reported in milligrams per serving)

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Customer: Healthy Roots

Product identity: 50mg Lavender Purple Bath Bomb
Client/Metrc ID: .
Sample Date:
Laboratory ID: 20-007247-0003
Relinquished by: Liz Merritt
Temp: 26.9 °C

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)		Batch: 2005820		Analyze: 7/16/20 2:38:00 AM
Analyte	**Result**	**Limits**	**Units**	**LOQ**	**Notes**
CBC	< LOQ		%	0.0007	
CBC-A†	0.00154		%	0.0007	
CBC-Total†	0.00135		%	0.0012	
CBD	0.0108		%	0.0007	
CBD-A	0.0225		%	0.0007	
CBD-Total	0.0305		%	0.0012	
CBDV†	< LOQ		%	0.0007	
CBDV-A†	< LOQ		%	0.0007	
CBDV-Total†	< LOQ		%	0.0012	
CBG†	< LOQ		%	0.0007	
CBG-A†	0.000952		%	0.0007	
CBG-Total	< LOQ		%	0.0012	
CBL†	< LOQ		%	0.0007	
CBN	< LOQ		%	0.0007	
Δ8-THC†	< LOQ		%	0.0007	
Δ9-THC	0.000813		%	0.0007	
THC-A	< LOQ		%	0.0007	
THC-Total	< LOQ		%	0.0012	
THCV†	< LOQ		%	0.0007	
THCV-A†	< LOQ		%	0.0007	
THCV-Total†	< LOQ		%	0.0012	
Total Cannabinoids†	**0.0366**		%		

Potency per 203g	Method J AOAC 2015 V98-6 (mod)		Batch: 2005820		Analyze: 7/16/20 2:38:00 AM
Analyte	**Result**	**Limits**	**Units**	**LOQ**	**Notes**
CBC per 203g	< LOQ		mg/203g	1.35	
CBC-A per 203g	3.13		mg/203g	1.35	
CBC-Total per 203g	2.74		mg/203g	2.53	
CBD per 203g	21.9		mg/203g	1.35	
CBD-A per 203g	45.7		mg/203g	1.35	
CBD-Total per 203g	62.0		mg/203g	2.53	
CBDV per 203g	< LOQ		mg/203g	1.35	
CBDV-A per 203g	< LOQ		mg/203g	1.35	
CBDV-Total per 203g	< LOQ		mg/203g	2.52	

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Potency per 203g		Method J AOAC 2015 V98-6 (mod)	Batch: 2005820		Analyze: 7/16/20 2:38:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBG per 203g	< LOQ		mg/203g	1.35	
CBG-A per 203g	1.93		mg/203g	1.35	
CBG-Total per 203g	2.87		mg/203g	2.52	
CBL per 203g	< LOQ		mg/203g	1.35	
CBN per 203g	< LOQ		mg/203g	1.35	
Δ8-THC per 203g	< LOQ		mg/203g	1.35	
Δ9-THC per 203g	1.65		mg/203g	1.35	
THC-A per 203g	< LOQ		mg/203g	1.35	
THC-Total per 203g	< LOQ		mg/203g	2.53	
THCV per 203g	< LOQ		mg/203g	1.35	
THCV-A per 203g	< LOQ		mg/203g	1.35	
THCV-Total per 203g	< LOQ		mg/203g	2.54	
Total Cannabinoids 203g[†]	**75.5**		mg/203g		

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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/203g = Milligram per 203g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

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20-007247

PIXIS Labs
Member of Tentamus

12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

CHAIN OF CUSTODY

Company: Healthy Roots
Contact: Liz Merritt
Address: 14325 NE Airport Way, #113
Portland, OR 97230
Email: Healthyrootshemp@gmail.com
Phone: 503-496-2329
License: AG-L 1052211FP

Processor's License: _____

Analysis Requested

Purchase Order Number: _____

Project Number: _____

Project Name: _____

☐ Report Instructions: _____
☐ Send to State - METRC
☐ Email Final Results:
☐ Fax Final Results
☐ Cash/Check/CC/Net 30
Other:

	Field ID	Date/Time Collected	Pesticides	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Microbiology	Metals	Matrix	Weight	Serving size for edibles	Comments/Metrc ID	Cont #'s
1	#81 600mg Capsules			✓								40gr			
2	#91 800 Deep Relief			✓								130 gr.			
3	50 mg Lavender Bath (purple) Bomb			✓								203gr			
4	50 mg Citrus Bath (white) Bomb			✓								197gr			

Report in mg/gr and % (percentage)

Revision: 0.00 Control#: CF023
Effective: 04/20/2018 Revised: 04/20/2018

www.pixislabs.com

Liz Merritt   7/13/2020   4:10   Jmu   7/13/20 16:09   26.9°

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REPORT NUMBER: 20-007247/D03.R00
Report Date: 07/17/2020
ORELAP#: OR100028
Purchase Order:
Received: 07/13/20 16:09

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: 2005820		

Laboratory Control Sample

Analyte	Result		Spike	Units	% Rec	Limits		Evaluation	Notes
CBDV-A	0.00996		0.01	%	99.6	85.0	- 115	Acceptable	
CBDV	0.0105		0.01	%	105	85.0	- 115	Acceptable	
CBD-A	0.0106		0.01	%	106	85.0	- 115	Acceptable	
CBG-A	0.00983		0.01	%	98.3	85.0	- 115	Acceptable	
CBG	0.00992		0.01	%	99.2	85.0	- 115	Acceptable	
CBD	0.0115		0.01	%	115	85.0	- 115	Acceptable	
THCV	0.00987		0.01	%	98.7	85.0	- 115	Acceptable	
THCVA	0.00965		0.01	%	96.5	85.0	- 115	Acceptable	
CBN	0.0106		0.01	%	106	85.0	- 115	Acceptable	
THC	0.0105		0.01	%	105	85.0	- 115	Acceptable	
D8THC	0.00904		0.01	%	90.4	85.0	- 115	Acceptable	
CBL	0.00922		0.01	%	92.2	85.0	- 115	Acceptable	
CBC	0.0103		0.01	%	103	85.0	- 115	Acceptable	
THCA	0.00965		0.01	%	96.5	85.0	- 115	Acceptable	
CBCA	0.00924		0.01	%	92.4	85.0	- 115	Acceptable	

Method Blank

Analyte	Result		LOQ	Units		Limits	Evaluation	Notes
CBDV-A	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBDV	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBD-A	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBG-A	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBG	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBD	<LOQ		0.0006	%		< 0.0006	Acceptable	
THCV	<LOQ		0.0006	%		< 0.0006	Acceptable	
THCVA	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBN	<LOQ		0.0006	%		< 0.0006	Acceptable	
THC	<LOQ		0.0006	%		< 0.0006	Acceptable	
D8THC	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBL	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBC	<LOQ		0.0006	%		< 0.0006	Acceptable	
THCA	<LOQ		0.0006	%		< 0.0006	Acceptable	
CBCA	<LOQ		0.0006	%		< 0.0006	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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ORELAP#: OR100028

Purchase Order:

Received: 07/13/20 16:09

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: 2005820			
Sample Duplicate					Sample ID: **20-007074-0001**			
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	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	**0.104**	**0.103**	0.003	%	0.984	< 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	**0.00376**	**0.00372**	0.003	%	1.14	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	**0.00411**	**0.00409**	0.003	%	0.618	< 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	Quantitaion 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.