



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



Report Number: 20-013879/D02.R00
Report Date: 12/23/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 16:24

Customer: Healthy Roots
Product identity: Lavender Bath Bomb
Client/Metric ID: .
Laboratory ID: 20-013879-0003

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBC	0.000876		%		CBD-Total per 192.1g 60.1 mg/192.1g
CBD	0.0313		%		
Δ9-THC	0.00145		%		THC-Total per 192.1g 2.79 mg/192.1g
Analyte per 192.1g	Result	Limits	Units	Status	(Reported in milligrams per serving)
CBC per 192.1g	1.68		mg/192.1g		
CBD per 192.1g	60.1		mg/192.1g		
Δ9-THC per 192.1g	2.79		mg/192.1g		



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



Report Number: 20-013879/D02.R00
Report Date: 12/23/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 16:24

Customer: Healthy Roots

Product identity: Lavender Bath Bomb
Client/Metric ID: .
Sample Date:
Laboratory ID: 20-013879-0003
Relinquished by: Client
Temp: 21 °C
Serving Size #1: 192.1 g

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2010616	Analyze: 12/22/20 7:48:00 AM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.000876		%	0.0007	
CBC-A†	< LOQ		%	0.0007	
CBC-Total†	< LOQ		%	0.0012	
CBD	0.0313		%	0.0007	
CBD-A	< LOQ		%	0.0007	
CBD-Total	0.0313		%	0.0012	
CBDV†	< LOQ		%	0.0007	
CBDV-A†	< LOQ		%	0.0007	
CBDV-Total†	< LOQ		%	0.0012	
CBG†	< LOQ		%	0.0007	
CBG-A†	< LOQ		%	0.0007	
CBG-Total	< LOQ		%	0.0012	
CBL†	< LOQ		%	0.0007	
CBN	< LOQ		%	0.0007	
Δ8-THC†	< LOQ		%	0.0007	
Δ9-THC	0.00145		%	0.0007	
THC-A	< LOQ		%	0.0007	
THC-Total	0.00145		%	0.0012	
THCV†	< LOQ		%	0.0007	
THCV-A†	< LOQ		%	0.0007	
THCV-Total†	< LOQ		%	0.0012	
Total Cannabinoids†	0.0336		%		

Potency per 192.1g	Method J AOAC 2015 V98-6 (mod)	Batch: 2010616	Analyze: 12/22/20 7:48:00 AM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 192.1g	1.68		mg/192.1g	1.28	
CBC-A per 192.1g	< LOQ		mg/192.1g	1.28	
CBC-Total per 192.1g	< LOQ		mg/192.1g	2.40	
CBD per 192.1g	60.1		mg/192.1g	1.28	
CBD-A per 192.1g	< LOQ		mg/192.1g	1.28	
CBD-Total per 192.1g	60.1		mg/192.1g	2.40	
CBDV per 192.1g	< LOQ		mg/192.1g	1.28	
CBDV-A per 192.1g	< LOQ		mg/192.1g	1.28	



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



Report Number: 20-013879/D02.R00
Report Date: 12/23/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 16:24

Potency per 192.1g					
Method J AOAC 2015 V98-6 (mod) Batch: 2010616 Analyze: 12/22/20 7:48:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBDV-Total per 192.1g	< LOQ		mg/192.1g	2.39	
CBG per 192.1g	< LOQ		mg/192.1g	1.28	
CBG-A per 192.1g	< LOQ		mg/192.1g	1.28	
CBG-Total per 192.1g	< LOQ		mg/192.1g	2.39	
CBL per 192.1g	< LOQ		mg/192.1g	1.28	
CBN per 192.1g	< LOQ		mg/192.1g	1.28	
Δ 8-THC per 192.1g	< LOQ		mg/192.1g	1.28	
Δ 9-THC per 192.1g	2.79		mg/192.1g	1.28	
THC-A per 192.1g	< LOQ		mg/192.1g	1.28	
THC-Total per 192.1g	2.79		mg/192.1g	2.40	
THCV per 192.1g	< LOQ		mg/192.1g	1.28	
THCV-A per 192.1g	< LOQ		mg/192.1g	1.28	
THCV-Total per 192.1g	< LOQ		mg/192.1g	2.40	
Total Cannabinoids 192.1g[†]	65.7		mg/192.1g		



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



Report Number: 20-013879/D02.R00
Report Date: 12/23/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 16:24

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/192.1g = Milligram per 192.1g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 20-013879/D02.R00
Report Date: 12/23/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 16:24

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: 2010616**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00957	0.01	%	95.7	85.0 - 115	Acceptable	
CBDV	0.00976	0.01	%	97.6	85.0 - 115	Acceptable	
CBD-A	0.00964	0.01	%	96.4	85.0 - 115	Acceptable	
CBG-A	0.00959	0.01	%	95.9	85.0 - 115	Acceptable	
CBG	0.0100	0.01	%	100	85.0 - 115	Acceptable	
CBD	0.00979	0.01	%	97.9	85.0 - 115	Acceptable	
THCV	0.00978	0.01	%	97.8	85.0 - 115	Acceptable	
THCVA	0.00896	0.01	%	89.6	85.0 - 115	Acceptable	
CBN	0.0104	0.01	%	104	85.0 - 115	Acceptable	
THC	0.0100	0.01	%	100	85.0 - 115	Acceptable	
D8THC	0.00957	0.01	%	95.7	85.0 - 115	Acceptable	
CBL	0.00961	0.01	%	96.1	85.0 - 115	Acceptable	
CBC	0.00996	0.01	%	99.6	85.0 - 115	Acceptable	
THCA	0.00964	0.01	%	96.4	85.0 - 115	Acceptable	
CBCA	0.00904	0.01	%	90.4	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



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



Report Number: 20-013879/D02.R00
Report Date: 12/23/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 16:24

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: 2010616				
Sample Duplicate				Sample ID: 20-013839-0001				
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	0.0352	0.0346	0.003	%	1.55	< 20	Acceptable	
CBD	0.00685	0.00667	0.003	%	2.70	< 20	Acceptable	
THCV	0.00681	0.00668	0.003	%	1.82	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.0219	0.0215	0.003	%	1.48	< 20	Acceptable	
THC	0.696	0.686	0.003	%	1.49	< 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



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



Report Number: 20-013879/D02.R00
Report Date: 12/23/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 16:24

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.