



Report Number: 20-013879/D02.R00

Report Date: 12/23/2020 ORELAP#: OR100028

Purchase Order:

12/16/20 16:24 Received:

Healthy Roots **Customer:**

Product identity: Lavender Bath Bomb

Client/Metrc ID:

Laboratory ID: 20-013879-0003

Summary

Potenc	ν:
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Analyte	Result	Limits	Units	Status	CBD-Total per 192.1g	60.1 mg/192.1g		
CBC	0.000876		%					
CBD	0.0313		%		TUO Tatal and 400 4	2.70 mg/102.1g		
Δ9-THC	0.00145		%		THC-Total per 192.1g	2.79 mg/192.1g		
Analyte per 192.1g	Result	Limits	Units	Status	(Reported in milligra	ms per serving)		
CBC per 192.1g	1.68		mg/192.1g	ļ				
CBD per 192.1g	60.1		mg/192.1g	l				
Δ9-THC per 192.1g	2.79		mg/192.1g	l				





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/Metrc 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	
$\Delta 8\text{-THC}^{\dagger}$	< 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 AOA	AC 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	

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Potency per 192.1g	Method J AOA	AC 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	
$\Delta 8$ -THC per 192.1g	< LOQ		mg/192.1g	1.28	
∆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		





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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/192.1g = Milligram per 192.1g % = Percentage of sample $% wt = \mu g/g divided by 10,000$

Approved Signatory

Derrick Tanner General Manager





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20-013879/D02.R00

Report Date:

12/23/2020

ORELAP#:

OR100028

Purchase Order:

Received:

12/16/20 16:24

		tland OF	R 97230	0 p.503	3-254-	1794	Cai	nnak	is Cl	nain	of C	usto	dy Re	cor	ol	20-01387	79		PIXIS Labs	S
ſ	Cor - The Doc									A	nalys	is Red	uest	ed					PID: OR100028 Purchase Order Number:	
ŀ	Compan Contact: Address Email: H Phone: :				S														Project Number:	
- 1	ct: Liz M ss: 1432 Port Health e: 503-41 e: AG-L				onnoc														Project Name:	
	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	Fax:		Pesticides – OR 59 compounds	Pesticide Multi-Residue – 379 compounds		vents	rity			Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	als						☐ Report Instructions: ☐ Send to State - METRC ☐ Email Final Results: ☐ Fax Final Results ☐ Cash/Check/CC/Net 30 Other:	
	Client Sample Identification	Date/ Colle	Time cted	Pesticides –	Pesticide M	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeas	Micro: E.Co	Heavy Metals	Mycotoxins	Other	Sample Type	Weight	Serving size for edibles	s Co Healthy Roots	
1	#119 Roller Bomb	./2	16			/							-			topical	8gr			\dashv
2	Citrus Bath Borns	2				V											19151		Repoi mg/ an % (perco	
3	Lavender Bath. Bo	mb				x *					T.						192.10	r	Report in mg/gr and (percentage	
	Collected By:	Relinq	uished E	By:			Date	!	Time		Rece	eived by	<i>r</i> :			Date	e Ti		b Use Only: ient Alias:	
	Turnaround time: Ask for availability Standard (5 day)	Eric	w T	me	lfs	<u></u>	12/	14/2	> 4	1.30p				26	>	15	116 11	0.24 Or Pr	rder Number: roper Container	
	□Rush (3-4 day) (1.5x Standard) □Priority Rush (2 day) (2x Standard)																	Sh	emperature: 21.0 nipped Via: Chewk	No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM www.pixislabs.com

www.columbiafoodlab.com

*per email from Liz Merritt 12/17/20 BM

Page 1 of 21 bm

Revision: 3.00 Control#: CF023_

Effective 05/22/2019 Revised 05/22/2019_





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 \	/98-6			Bat	ch ID: 2010616		
Laboratory Co	ntrol 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< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBDV	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBD-A	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBG-A	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBG	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBD	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
THCV	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
THCVA	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBN	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
THC	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
D8THC	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBL	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBC	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
THCA	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></loq<>	0.0006	%	< 0.0006	Acceptable	
CBCA	<loq< td=""><td>0.0006</td><td>%</td><td>< 0.0006</td><td>Acceptable</td><td></td></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





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				Bate	ch ID: 2010616	;	
Sample Dupli	cate				Samp	ole ID: 20-0138	39-0001	
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBDV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBD-A	<l0q< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></l0q<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBG-A	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></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< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></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< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBL	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBC	<l0q< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></l0q<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
THCA	<l0q< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></l0q<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	
CBCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL

LOQ - Limit of Quantitation

NA - Calculation Not Applicable given non-numerical results

Units of Measure:

% - Percent





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	Quantitaion level raised due to matrix interference.
В	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.