



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



**Report Number:** 20-012481/D02.R00  
**Report Date:** 11/19/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/12/20 16:06

**Customer:** Healthy Roots  
**Product identity:** Lemon Grass Bath Bomb  
**Client/Metric ID:** .  
**Laboratory ID:** 20-012481-0001

### Summary

#### Potency:

Analyte	Result	Limits	Units	Status	CBD-Total per 198g	56.6 mg/198g
CBC	0.000858		%			
CBD	0.0286		%			
Δ9-THC	0.00185		%		THC-Total per 198g	3.66 mg/198g
Analyte per 198g	Result	Limits	Units	Status	(Reported in milligrams per serving)	
CBC per 198g	1.70		mg/198g			
CBD per 198g	56.6		mg/198g			
Δ9-THC per 198g	3.66		mg/198g			



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**Customer:** Healthy Roots

**Product identity:** Lemon Grass Bath Bomb  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 20-012481-0001  
**Temp:** 16.7 °C  
**Relinquished by:** Liz Merritt  
**Serving Size #1:** 198 g

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2009608	Analyze: 11/16/20 6:57:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.000858		%	0.0007	
CBC-A†	< LOQ		%	0.0007	
CBC-Total†	< LOQ		%	0.0012	
CBD	0.0286		%	0.0007	
CBD-A	< LOQ		%	0.0007	
CBD-Total	0.0286		%	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	0.00185		%	0.0007	
THC-A	< LOQ		%	0.0007	
THC-Total	0.00185		%	0.0012	
THCV†	< LOQ		%	0.0007	
THCV-A†	< LOQ		%	0.0007	
THCV-Total†	< LOQ		%	0.0012	
Total Cannabinoids†	0.0313		%		

Potency per 198g	Method J AOAC 2015 V98-6 (mod)	Batch: 2009608	Analyze: 11/16/20 6:57:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 198g	1.70		mg/198g	1.31	
CBC-A per 198g	< LOQ		mg/198g	1.31	
CBC-Total per 198g	< LOQ		mg/198g	2.46	
CBD per 198g	56.6		mg/198g	1.31	
CBD-A per 198g	< LOQ		mg/198g	1.31	
CBD-Total per 198g	56.6		mg/198g	2.46	
CBDV per 198g	< LOQ		mg/198g	1.31	
CBDV-A per 198g	< LOQ		mg/198g	1.31	



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Potency per 198g					
Method J AOAC 2015 V98-6 (mod) Batch: 2009608 Analyze: 11/16/20 6:57:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBDV-Total per 198g	< LOQ		mg/198g	2.45	
CBG per 198g	< LOQ		mg/198g	1.31	
CBG-A per 198g	< LOQ		mg/198g	1.31	
CBG-Total per 198g	< LOQ		mg/198g	2.45	
CBL per 198g	< LOQ		mg/198g	1.31	
CBN per 198g	< LOQ		mg/198g	1.31	
$\Delta$ 8-THC per 198g	< LOQ		mg/198g	1.31	
$\Delta$ 9-THC per 198g	3.66		mg/198g	1.31	
THC-A per 198g	< LOQ		mg/198g	1.31	
THC-Total per 198g	3.66		mg/198g	2.46	
THCV per 198g	< LOQ		mg/198g	1.31	
THCV-A per 198g	< LOQ		mg/198g	1.31	
THCV-Total per 198g	< LOQ		mg/198g	2.47	
<b>Total Cannabinoids 198g<sup>†</sup></b>	<b>62.9</b>		mg/198g		



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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/198g = Milligram per 198g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner  
General Manager



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12423 NE Whitaker Way  
Company: CHAIN OF CUSTODY  
Contact: Healthy Roots  
Address: 14325 NE Airport Way, #113  
Portland, OR 97230  
Email: HealthyRootsTemp@gmail.com  
Phone: 503-496-2329  
License: AG-L1052211FP  
Fax:

503-254-1794

### Cannabis Chain of Custody Record

HEALTHYROOTS 20-012481



OR100028

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:

Client Sample Identification	Date/Time Collected	Analysis Requested										Sample Type	Weight	Serving size for edibles	Col	Report in mg/gr and % (percentage)
		Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals					
1. Lemon Grass Roth Bish				X									198 grams			
2. Rosemary Roth Bish				X									199 grams			
3. #113 Roth Bish				X									8g			

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
Turnaround time: Ask for availability <input type="checkbox"/> Standard (5 day) <input type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard)	WZ MERMV	11/12/20	1:25pm	JB	11/12	1606	Client Alias: Order Number: Proper Container: yes Sample Condition: good Temperature: 16.7 Shipped Via: client Evidence of cooling: <input checked="" type="checkbox"/> 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

Revision: 3.00 Control: CF023  
Effective 05/22/2019 Revised 05/22/2019

[www.pixislabs.com](http://www.pixislabs.com)  
[www.columbiainfoodlab.com](http://www.columbiainfoodlab.com)

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Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 2009608									
Laboratory Control Sample									
Analyte	Result		Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	0.00998		0.01	%	99.8	85.0 - 115		Acceptable	
CBDV	0.0103		0.01	%	103	85.0 - 115		Acceptable	
CBD-A	0.0106		0.01	%	106	85.0 - 115		Acceptable	
CBG-A	0.0101		0.01	%	101	85.0 - 115		Acceptable	
CBG	0.0103		0.01	%	103	85.0 - 115		Acceptable	
CBD	0.0105		0.01	%	105	85.0 - 115		Acceptable	
THCV	0.0105		0.01	%	105	85.0 - 115		Acceptable	
THCVA	0.00972		0.01	%	97.2	85.0 - 115		Acceptable	
CBN	0.0112		0.01	%	112	85.0 - 115		Acceptable	
THC	0.0107		0.01	%	107	85.0 - 115		Acceptable	
D8THC	0.0102		0.01	%	102	85.0 - 115		Acceptable	
CBL	0.00990		0.01	%	99.0	85.0 - 115		Acceptable	
CBG	0.0102		0.01	%	102	85.0 - 115		Acceptable	
THCA	0.0105		0.01	%	105	85.0 - 115		Acceptable	
CBDA	0.00973		0.01	%	97.3	85.0 - 115		Acceptable	

Method Blank

Analyte	Result		LOQ	Units		Limits		Evaluation	Notes
CBDVA	<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	
CBG	<LOQ		0.0006	%		< 0.0006		Acceptable	
THCA	<LOQ		0.0006	%		< 0.0006		Acceptable	
CBDA	<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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Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

#### Laboratory Quality Control Results

JAOAC2015 V986					Batch ID: 2009608			
Sample Duplicate					Sample ID: 20-012436-0001			
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	0.636	0.635	0.003	%	0.250	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.00648	0.00649	0.003	%	0.166	< 20	Acceptable	
THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00805	0.00810	0.003	%	0.624	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<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.