



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



Report Number: 21-001243/D02.R00
Report Date: 02/10/2021
ORELAP#: OR100028
Purchase Order:
Received: 02/03/21 16:37

Customer: Healthy Roots
Product identity: Lavender BB 200
Client/Metric ID: .
Laboratory ID: 21-001243-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status
CBC	0.00285		%	
CBD	0.112		%	
CBG†	0.000796		%	
Δ9-THC	0.00488		%	
Analyte per 203g	Result	Limits	Units	Status
CBC per 203g†	5.79		mg/203g	
CBD per 203g	227		mg/203g	
CBG per 203g†	1.62		mg/203g	
Δ9-THC per 203g	9.91		mg/203g	

CBD-Total per 203g	227 mg/203g
THC-Total per 203g	9.91 mg/203g
(Reported in milligrams per serving)	



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Customer: Healthy Roots

Product identity: Lavender BB 200
Client/Metric ID: .
Sample Date:
Laboratory ID: 21-001243-0001
Temp: 15.8 °C
Serving Size #1: 203 g

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2101150	Analyze: 2/6/21 12:09:00 AM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.00285		%	0.0007	
CBC-A†	< LOQ		%	0.0007	
CBC-Total†	0.00285		%	0.0012	
CBD	0.112		%	0.0007	
CBD-A	< LOQ		%	0.0007	
CBD-Total	0.112		%	0.0012	
CBDV†	< LOQ		%	0.0007	
CBDV-A†	< LOQ		%	0.0007	
CBDV-Total†	< LOQ		%	0.0012	
CBG†	0.000796		%	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	0.00488		%	0.0007	
THC-A	< LOQ		%	0.0007	
THC-Total	0.00488		%	0.0012	
THCV†	< LOQ		%	0.0007	
THCV-A†	< LOQ		%	0.0007	
THCV-Total†	< LOQ		%	0.0012	
Total Cannabinoids†	0.121		%		

Potency per 203g	Method J AOAC 2015 V98-6 (mod)	Batch: 2101150	Analyze: 2/6/21 12:09:00 AM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 203g†	5.79		mg/203g	1.35	
CBC-A per 203g†	< LOQ		mg/203g	1.35	
CBC-Total per 203g†	5.79		mg/203g	2.53	
CBD per 203g	227		mg/203g	1.35	
CBD-A per 203g	< LOQ		mg/203g	1.35	
CBD-Total per 203g	227		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: 2101150** **Analyze: 2/6/21 12:09:00 AM**

Analyte	Result	Limits	Units	LOQ	Notes
CBG per 203g [†]	1.62		mg/203g	1.35	
CBG-A per 203g [†]	< LOQ		mg/203g	1.35	
CBG-Total per 203g [†]	< LOQ		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	9.91		mg/203g	1.35	
THC-A per 203g	< LOQ		mg/203g	1.35	
THC-Total per 203g	9.91		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	2.53	
Total Cannabinoids 203g[†]	245		mg/203g		

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0430



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

Approved Signatory

Derrick Tanner
General Manager



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HEALTHYROOTS 21-001243



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

Way Portland OR 97230 p.503-254-1794

Cannabi Chain of Custody Reco



Analysis Requested

Healthy Roots

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	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	Mycotoxins	Other	Sample Type	Weight	Serving size for edibles	Cor	Report in mg/gr and % (percentage)
1 Lavendar bb. 200				X												203gr		
2 Lavendar Pick				X												103gr		

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)					2/3/21	16:37	Client Alias: Order Number: Proper Container Sample Condition Temperature: 15.8 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 www.pixislabs.com
Effective 05/22/2019 Revised 05/22/2019 www.columbiainfoodlab.com

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JS214121



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Received: 02/03/21 16:37



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: 2101150**

Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDV-A	0.00973	0.01	%	97.3	85.0	- 115	Acceptable	
CBDV	0.00996	0.01	%	99.6	85.0	- 115	Acceptable	
CBD-A	0.0101	0.01	%	101	85.0	- 115	Acceptable	
CBG-A	0.00975	0.01	%	97.5	85.0	- 115	Acceptable	
CBG	0.0101	0.01	%	101	85.0	- 115	Acceptable	
CBD	0.0101	0.01	%	101	85.0	- 115	Acceptable	
THCV	0.00979	0.01	%	97.9	85.0	- 115	Acceptable	
THCVA	0.00936	0.01	%	93.6	85.0	- 115	Acceptable	
CBN	0.0106	0.01	%	106	85.0	- 115	Acceptable	
THC	0.0107	0.01	%	107	85.0	- 115	Acceptable	
D8THC	0.00992	0.01	%	99.2	85.0	- 115	Acceptable	
CBL	0.00985	0.01	%	98.5	85.0	- 115	Acceptable	
CBC	0.0100	0.01	%	100	85.0	- 115	Acceptable	
THCA	0.0101	0.01	%	101	85.0	- 115	Acceptable	
CBCA	0.00934	0.01	%	93.4	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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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: 2101150						
Sample Duplicate		Sample ID: 21-001226-0001						
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	0.630	0.624	0.003	%	0.967	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.122	0.121	0.003	%	0.956	< 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	
CBC	0.00805	0.00798	0.003	%	0.772	< 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	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.