



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



Report Number: 20-009820/D03.R00
Report Date: 09/21/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/15/20 09:57

Customer: Healthy Roots
Product identity: 100mg Nag Champa Bar Soap
Client/Metric ID: .
Laboratory ID: 20-009820-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.109		%		CBD-Total per 146g 159 mg/146g
Δ 9-THC	0.00586		%		
Analyte per 146g	Result	Limits	Units	Status	THC-Total per 146g <LOQ
CBD per 146g	159		mg/146g		(Reported in milligrams per serving)
Δ 9-THC per 146g	8.56		mg/146g		



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



Report Number: 20-009820/D03.R00
Report Date: 09/21/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/15/20 09:57

Customer: Healthy Roots

Product identity: 100mg Nag Champa Bar Soap
Client/Metric ID: .
Sample Date:
Laboratory ID: 20-009820-0001
Relinquished by: Client
Temp: 12.3 °C
Serving Size #1: 146 g

Sample Results

Potency	Method	J AOAC 2015 V98-6 (mod)	Batch: 2007668	Analyze: 9/18/20 8:39:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.0033	
CBC-A†	< LOQ		%	0.0033	
CBC-Total†	< LOQ		%	0.0062	
CBD	0.109		%	0.0033	
CBD-A	< LOQ		%	0.0033	
CBD-Total	0.109		%	0.0062	
CBDV†	< LOQ		%	0.0033	
CBDV-A†	< LOQ		%	0.0033	
CBDV-Total†	< LOQ		%	0.0061	
CBG†	< LOQ		%	0.0033	
CBG-A†	< LOQ		%	0.0033	
CBG-Total	< LOQ		%	0.0061	
CBL†	< LOQ		%	0.0033	
CBN	< LOQ		%	0.0033	
Δ8-THC†	< LOQ		%	0.0033	
Δ9-THC	0.00586		%	0.0033	
THC-A	< LOQ		%	0.0033	
THC-Total	< LOQ		%	0.0062	
THCV†	< LOQ		%	0.0033	
THCV-A†	< LOQ		%	0.0033	
THCV-Total†	< LOQ		%	0.0061	
Total Cannabinoids†	0.115		%		

Potency per 146g	Method	J AOAC 2015 V98-6 (mod)	Batch: 2007668	Analyze: 9/18/20 8:39:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 146g	< LOQ		mg/146g	4.80	
CBC-A per 146g	< LOQ		mg/146g	4.80	
CBC-Total per 146g	< LOQ		mg/146g	9.02	
CBD per 146g	159		mg/146g	4.80	
CBD-A per 146g	< LOQ		mg/146g	4.80	
CBD-Total per 146g	159		mg/146g	9.02	
CBDV per 146g	< LOQ		mg/146g	4.80	
CBDV-A per 146g	< LOQ		mg/146g	4.80	

www.columbialaboratories.com

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.



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



Report Number: 20-009820/D03.R00
Report Date: 09/21/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/15/20 09:57

Potency per 146g **Method J AOAC 2015 V98-6 (mod)** **Batch: 2007668** **Analyze: 9/18/20 8:39:00 AM**

Analyte	Result	Limits	Units	LOQ	Notes
CBDV-Total per 146g	< LOQ		mg/146g	8.97	
CBG per 146g	< LOQ		mg/146g	4.80	
CBG-A per 146g	< LOQ		mg/146g	4.80	
CBG-Total per 146g	< LOQ		mg/146g	8.97	
CBL per 146g	< LOQ		mg/146g	4.80	
CBN per 146g	< LOQ		mg/146g	4.80	
Δ 8-THC per 146g	< LOQ		mg/146g	4.80	
Δ 9-THC per 146g	8.56		mg/146g	4.80	
THC-A per 146g	< LOQ		mg/146g	4.80	
THC-Total per 146g	< LOQ		mg/146g	9.02	
THCV per 146g	< LOQ		mg/146g	4.80	
THCV-A per 146g	< LOQ		mg/146g	4.80	
THCV-Total per 146g	< LOQ		mg/146g	9.02	
Total Cannabinoids 146g[†]	168		mg/146g		

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.



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



Report Number: 20-009820/D03.R00
Report Date: 09/21/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/15/20 09:57

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/146g = Milligram per 146g

% = 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: 20-009820/D03.R00
Report Date: 09/21/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/15/20 09:57



20-009820



124: Healthy Roots and OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Client: Healthy Roots Our Roots Run Deep Company: Healthy Roots Contact: Liz Merritt Address: 14325 NE Airport Way, #113 Portland, OR 97230 Email: healthyrootschem@gmail.com Phone: 503-496-2329 License: AG-11052211FP CHAIN OF CUSTODY	Analysis Requested										Purchase Order Number:	
											Project Number:	
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										Project Name:		
Date/Time Collected:										<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30 Other:		
Sample Type: 100mg Nag Champa Bar Soap Weight: 146gr Serving size for edibles:										Report in mg/gr and % (percentage)		
LCCO2 *When reporting potency please reflect 1gram.												

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)	Liz Merritt	9/15/20	7:49am	Hogix Alsu	09/15	09:57	Client Alias: Order Number: Proper Container Sample Condition Temperature: 12.3 Shipped Via: Evidence of cooling: <input 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.columbiafoodlab.com

Page 1 of 8

8



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



Report Number: 20-009820/D03.R00
Report Date: 09/21/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/15/20 09:57

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: 2007668**

Laboratory Control Sample										
Analyte	Result		Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDV-A	0.00997		0.01	%	99.7	85.0	- 115	Acceptable		
CBDV	0.0102		0.01	%	102	85.0	- 115	Acceptable		
CBD-A	0.00989		0.01	%	98.9	85.0	- 115	Acceptable		
CBG-A	0.00966		0.01	%	96.6	85.0	- 115	Acceptable		
CBG	0.00992		0.01	%	99.2	85.0	- 115	Acceptable		
CBD	0.00984		0.01	%	98.4	85.0	- 115	Acceptable		
THCV	0.00977		0.01	%	97.7	85.0	- 115	Acceptable		
THCVA	0.00941		0.01	%	94.1	85.0	- 115	Acceptable		
CBN	0.00984		0.01	%	98.4	85.0	- 115	Acceptable		
THC	0.0103		0.01	%	103	85.0	- 115	Acceptable		
D8THC	0.0102		0.01	%	102	85.0	- 115	Acceptable		
CBL	0.0103		0.01	%	103	85.0	- 115	Acceptable		
CBC	0.0110		0.01	%	110	85.0	- 115	Acceptable		
THCA	0.0100		0.01	%	100	85.0	- 115	Acceptable		
CBCA	0.0101		0.01	%	101	85.0	- 115	Acceptable		

Method Blank

Analyte	Result		LOQ	Units		Limits	Evaluation	Notes	
CBDV-A	<LOQ		0.003	%		< 0.003	Acceptable		
CBDV	<LOQ		0.003	%		< 0.003	Acceptable		
CBD-A	<LOQ		0.003	%		< 0.003	Acceptable		
CBG-A	<LOQ		0.003	%		< 0.003	Acceptable		
CBG	<LOQ		0.003	%		< 0.003	Acceptable		
CBD	<LOQ		0.003	%		< 0.003	Acceptable		
THCV	<LOQ		0.003	%		< 0.003	Acceptable		
THCVA	<LOQ		0.003	%		< 0.003	Acceptable		
CBN	<LOQ		0.003	%		< 0.003	Acceptable		
THC	<LOQ		0.003	%		< 0.003	Acceptable		
D8THC	<LOQ		0.003	%		< 0.003	Acceptable		
CBL	<LOQ		0.003	%		< 0.003	Acceptable		
CBC	<LOQ		0.003	%		< 0.003	Acceptable		
THCA	<LOQ		0.003	%		< 0.003	Acceptable		
CBCA	<LOQ		0.003	%		< 0.003	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: 20-009820/D03.R00
Report Date: 09/21/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/15/20 09:57

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: 2007668						
Sample Duplicate		Sample ID: 20-009649-0001						
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	0.775	0.778	0.003	%	0.300	< 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	<LOQ	<LOQ	0.003	%	NA	< 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: 20-009820/D03.R00
Report Date: 09/21/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/15/20 09:57

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.