



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



Report Number: 20-014072/D02.R00
Report Date: 12/31/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/22/20 10:55

Customer: Healthy Roots
Product identity: 500 Pet #120
Client/Metric ID: .
Laboratory ID: 20-014072-0002

Summary

Potency:

Analyte	Result	Limits	Units	Status	CBD-Total per 28.5g	493 mg/28.5g
CBC	0.0445		%			
CBD	1.73		%			
CBDV [†]	0.00933		%		THC-Total per 28.5g	20.7 mg/28.5g
CBG [†]	0.0127		%			
CBN	0.00463		%			
Δ9-THC	0.0725		%			(Reported in milligrams per serving)
Analyte per 28.5g	Result	Limits	Units	Status		
CBC per 28.5g	12.7		mg/28.5g			
CBD per 28.5g	493		mg/28.5g			
CBDV per 28.5g	2.66		mg/28.5g			
CBG per 28.5g	3.62		mg/28.5g			
CBN per 28.5g	1.32		mg/28.5g			
Δ9-THC per 28.5g	20.7		mg/28.5g			



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Customer: Healthy Roots

Product identity: 500 Pet #120
Client/Metric ID: .
Sample Date:
Laboratory ID: 20-014072-0002
Relinquished by: Client
Temp: 12.5 °C
Serving Size #1: 28.5 g

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2010853	Analyze: 12/30/20 9:14:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.0445		%	0.0032	
CBC-A†	< LOQ		%	0.0032	
CBC-Total†	0.0445		%	0.0061	
CBD	1.73		%	0.0324	
CBD-A	< LOQ		%	0.0032	
CBD-Total	1.73		%	0.0353	
CBDV†	0.00933		%	0.0032	
CBDV-A†	< LOQ		%	0.0032	
CBDV-Total†	0.00933		%	0.0061	
CBG†	0.0127		%	0.0032	
CBG-A†	< LOQ		%	0.0032	
CBG-Total	0.0127		%	0.0061	
CBL †	< LOQ		%	0.0032	
CBN	0.00463		%	0.0032	
Δ8-THC†	< LOQ		%	0.0032	
Δ9-THC	0.0725		%	0.0032	
THC-A	< LOQ		%	0.0032	
THC-Total	0.0725		%	0.0061	
THCV†	< LOQ		%	0.0032	
THCV-A†	< LOQ		%	0.0032	
THCV-Total†	< LOQ		%	0.0061	
Total Cannabinoids†	1.87		%		

Potency per 28.5g	Method J AOAC 2015 V98-6 (mod)	Batch: 2010853	Analyze: 12/30/20 9:14:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 28.5g	12.7		mg/28.5g	0.924	
CBC-A per 28.5g	< LOQ		mg/28.5g	0.924	
CBC-Total per 28.5g	12.7		mg/28.5g	1.73	
CBD per 28.5g	493		mg/28.5g	9.24	
CBD-A per 28.5g	< LOQ		mg/28.5g	0.924	
CBD-Total per 28.5g	493		mg/28.5g	10.1	
CBDV per 28.5g	2.66		mg/28.5g	0.924	
CBDV-A per 28.5g	< LOQ		mg/28.5g	0.924	



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Potency per 28.5g					
Method J AOAC 2015 V98-6 (mod) Batch: 2010853 Analyze: 12/30/20 9:14:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBDV-Total per 28.5g	2.66		mg/28.5g	1.73	
CBG per 28.5g	3.62		mg/28.5g	0.924	
CBG-A per 28.5g	< LOQ		mg/28.5g	0.924	
CBG-Total per 28.5g	3.62		mg/28.5g	1.73	
CBL per 28.5g	< LOQ		mg/28.5g	0.924	
CBN per 28.5g	1.32		mg/28.5g	0.924	
Δ 8-THC per 28.5g	< LOQ		mg/28.5g	0.924	
Δ 9-THC per 28.5g	20.7		mg/28.5g	0.924	
THC-A per 28.5g	< LOQ		mg/28.5g	0.924	
THC-Total per 28.5g	20.7		mg/28.5g	1.73	
THCV per 28.5g	< LOQ		mg/28.5g	0.924	
THCV-A per 28.5g	< LOQ		mg/28.5g	0.924	
THCV-Total per 28.5g	< LOQ		mg/28.5g	1.74	
Total Cannabinoids 28.5g[†]	534		mg/28.5g		



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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/28.5g = Milligram per 28.5g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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20-014072



Healthy Roots
A Tenta Products
Our Roots Run Deep

Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

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-11052211FP

CHAIN OF CUSTODY

Client Sample Identification		Date/Time Collected	Analysis Requested										Sample Type	Weight	Serving size for edibles	Common	Report in mg/gr and % (percentage)	
1	Capsule 121v5		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			1gr. extract	
2	500Pet #120																28.5 tincture	

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	12/21/20	3:50pm	JB	12/22	10:55	Client Alias: Order Number: Proper Container Sample Condition Temperature: 12.5 Shipped Via: client Evidence of cooling: <input checked="" type="checkbox"/> No
	JSM	12/22/20	10:45				

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

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Purchase Order:
Received: 12/22/20 10:55

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: 2010853

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00998	0.01	%	99.8	85.0 - 115	Acceptable	
CBDV	0.0104	0.01	%	104	85.0 - 115	Acceptable	
CBD-A	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBG-A	0.00978	0.01	%	97.8	85.0 - 115	Acceptable	
CBG	0.0100	0.01	%	100	85.0 - 115	Acceptable	
CBD	0.0102	0.01	%	102	85.0 - 115	Acceptable	
THCV	0.0101	0.01	%	101	85.0 - 115	Acceptable	
THCVA	0.00944	0.01	%	94.4	85.0 - 115	Acceptable	
CBN	0.0107	0.01	%	107	85.0 - 115	Acceptable	
THC	0.0103	0.01	%	103	85.0 - 115	Acceptable	
D8THC	0.0101	0.01	%	101	85.0 - 115	Acceptable	
CBL	0.0105	0.01	%	105	85.0 - 115	Acceptable	
CBC	0.0101	0.01	%	101	85.0 - 115	Acceptable	
THCA	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBCA	0.00959	0.01	%	95.9	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



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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: 2010853				
Sample Duplicate				Sample ID: 20-014224-0001				
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0419	0.0406	0.003	%	3.10	< 20	Acceptable	
CBD-A	0.0208	0.0195	0.003	%	6.44	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.180	0.176	0.003	%	2.28	< 20	Acceptable	
CBD	4.25	4.63	0.003	%	8.58	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.00377	<LOQ	0.003	%	NA	< 20	Acceptable	R2
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



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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.