



Report Number: 21-002795/D03.R00

Report Date: 03/23/2021 **ORELAP#:** OR100028

Purchase Order:

Received: 03/16/21 14:30

Customer: Healthy Roots
Product identity: 100mg Citrus Puck

Client/Metrc ID:

CBG per 102g[†]

Δ9-THC per 102g

Laboratory ID: 21-002795-0003

0.753

4.55

Summary

Potency:						
Analyte	Result	Limits	Units	Status	CBD-Total per 102g	98.8 mg/102g
CBC	0.00244		%			
CBD	0.0969		%		 	
CBG [†]	0.000738		%		THC-Total per 102g	4.55 mg/102g
Δ9-THC	0.00446		%		(Reported in millig	rams per serving)
Analyte per 102g	Result	Limits	Units	Status		
CBC per 102g [†]	2.49		mg/102g			
CBD per 102g	98.8		ma/102a			

mg/102g

mg/102g





Report Number: 21-002795/D03.R00

Report Date: 03/23/2021 **ORELAP#:** OR100028

Purchase Order:

Received: 03/16/21 14:30

Customer: Healthy Roots

Product identity: 100mg Citrus Puck

Client/Metrc ID: .

Sample Date:

Laboratory ID: 21-002795-0003

Evidence of Cooling: No Temp: 19.9 °C Serving Size #1: 102 g

Sample Results

Potency	Method J AOAC 2	015 V98-6 (mod)	Units %	Batch: 2102400	Analyze: 3/17/21 8:19:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.00244		%	0.0007	
CBC-A [†]	< LOQ		%	0.0007	
CBC-Total [†]	0.00244		%	0.0012	
CBD	0.0969		%	0.0007	
CBD-A	< LOQ		%	0.0007	
CBD-Total	0.0969		%	0.0012	
CBDV [†]	< LOQ		%	0.0007	
CBDV-A [†]	< LOQ		%	0.0007	
CBDV-Total [†]	< LOQ		%	0.0012	
CBG [†]	0.000738		%	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	0.00446		%	0.0007	
THC-A	< LOQ		%	0.0007	
THC-Total	0.00446		%	0.0012	
THCV [†]	< LOQ		%	0.0007	
THCV-A [†]	< LOQ		%	0.0007	
THCV-Total [†]	< LOQ		%	0.0012	
Total Cannabinoids [†]	0.105		%		

Potency per 102g	Method J AOA	C 2015 V98-6 (m	nod) Units mg/se Ba	tch: 2102400	Analyze: 3/17/21 8:19:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 102g [†]	2.49		mg/102g	0.673	
CBC-A per 102g [†]	< LOQ		mg/102g	0.673	
CBC-Total per 102g [†]	2.49		mg/102g	1.26	
CBD per 102g	98.8		mg/102g	0.673	
CBD-A per 102g	< LOQ		mg/102g	0.673	
CBD-Total per 102g	98.8		mg/102g	1.26	
CBDV per 102g [†]	< LOQ		mg/102g	0.673	
CBDV-A per 102g [†]	< LOQ		mg/102g	0.673	

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Report Number: 21-002795/D03.R00

Report Date: 03/23/2021 ORELAP#: OR100028

Purchase Order:

03/16/21 14:30 Received:

Potency per 102g	Method J AOA	AC 2015 V98-6 (m	od) Units mg/se Ba	tch: 2102400	Analyze: 3/17/21 8:19:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBDV-Total per 102g [†]	< LOQ		mg/102g	1.26	
CBG per 102g [†]	0.753		mg/102g	0.673	
CBG-A per 102g [†]	< LOQ		mg/102g	0.673	
CBG-Total per 102g [†]	< LOQ		mg/102g	1.26	
CBL per 102g [†]	< LOQ		mg/102g	0.673	
CBN per 102g	< LOQ		mg/102g	0.673	
$\Delta 8$ -THC per 102g †	< LOQ		mg/102g	0.673	
Δ9-THC per 102g	4.55		mg/102g	0.673	
THC-A per 102g	< LOQ		mg/102g	0.673	
THC-Total per 102g	4.55		mg/102g	1.26	
THCV per 102g [†]	< LOQ		mg/102g	0.673	
THCV-A per 102g [†]	< LOQ		mg/102g	0.673	
THCV-Total per 102g [†]	< LOQ		mg/102g	1.26	
Total Cannabinoids 102g [†]	107		mg/102g		





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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/102g = Milligram per 102g% = Percentage of sample % wt = $\mu g/g$ divided by 10,000

Approved Signatory

Derrick Tanner General Manager





Report Number: 21-002795/D03.R00

Report Date: 03/23/2021

ORELAP#:

OR100028

Purchase Order:

Received:

03/16/21 14:30

	Healthy Roots	rtland OI	ם מדרפ	0 n 50:	2-254-	1701	Car	nnah	nis Cl	nain	of C	usto	dv R	ecor	Ч	21-0027	795		PIX	S La	the section of the
	Our Roots Run Deep	rtianu Oi	N 97231	υ μ.συ:	5-234	1734	Cai	IIIGK	/I3 CI	Idili	01 0	u3t0	ay itt		u			ORELA	D: OR1000)28	
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	Company Contact: Address: Amail: He Email: He Phone: 5				ds														Project No	ımber:	
	14: 14: 14: 14: 14: 14: 14:				mpour														Project Na	ime:	
	CHAIN OF CUSTODY Baithy Roots Merritt Vitland, OR 97230 rtland, OR 97230 rtland, OR 97230 L 1052211FP L 1052211FP CI M A B A			spu	оо 62							form							□ Report	Instructio	ns:
	OF CUSTO OF CUSTO Roots : : Airport W OR 97230 shemp@gr shemp@gr 211FP 211FP	Fax:		nodu	e – 3							SOII							□ Send to □ Email F		
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	113 -	T			e Mu		Solv	ctivit	a)	Ş	east	Col	letal	kins					Other:		
	Client Sample Identification	Date/ Colle	Time	Pesticides	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 "	lealthy Re	oots"
#1-	200mg Lemongrass	BB				/											208gr			0	
#2-	100mg Rosemany Pu					/											106gr			°	71
#3-	100mg Citrus Puck	_				V											102 gr		(bereeniage	mg a	
44-	100 mg Lemongrass.	Ruch	-	_	_	\checkmark	-									_	106gr		<u> </u>	mg/gr and	ort —
5 •	#0A36, 1000 ISO	-				~						_				E	1gr			T T	₽. —
6 •	#0A27, 2000 Iso		50			-										E	190		Š	2	
7 .	# DA28 , #DA28,30	φ0 4.	PC														1gr				
	Collected By:	Relinq	uished E	Зу:			Date		Time		Rece	ived by	:			Date		Cli	Use Only ent Alias:	:	
	Turnaround time: Ask for availability	Jasi	mN	Pervi	tt		3/16	121	2:7	20			JB			316	21 14	1.30	der Numbe	er:	
	Standard (5 day)	26	, #1	of	2														per Conta		
	☐Rush (3-4 day)	1.0	,															Sar	nple Cond nperature	ition	2
	(1.5x Standard)																	Shi	nperature pped Via:	Clies	*
	☐ Priority Rush (2 day) (2x Standard)																		dence of c		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





Report Number: 21-002795/D03.R00

Report Date: 03/23/2021 **ORELAP#:** OR100028

Purchase Order:

Received: 03/16/21 14:30

21-002795 **PIXIS** Labs Healthy Roots ind OR 97230 p.503-254-1794 Cannabis Chain of Custody Record 1242 ORELAP ID: OR100028 Contact: Liz Merritt
Address: 14325 NE Airport Way, #113
Address: 14325 NE Airport Way, #113
Email: Healthyrootshemp@gmail.com
Phone: 503-496-2329
License: AG-L 1052211FP **Analysis Requested** Com Purchase Order Number: Company: Healthy Roots Cont Project Number: Pesticide Multi-Residue – 379 compounds Addr Project Name: City, S CHAIN OF CUSTODY Micro: E.Coli and Total Coliform ☐ Report Instructions: Pesticides – OR 59 compounds Email ☐ Send to State - METRC Phon Fax: ☐ Email Final Results: Micro: Yeast and Mold ☐ Fax Final Results Billing ☐ Cash/Check/CC/Net 30 Proce Residual Solvents Licen: Water Activity Heavy Metals Mycotoxins Terpenes Moisture Potency Serving Other size Sample Co Healthy Roots Date/Time Collected Client Sample Identification Туре Weight for edibles #138 1000 mint % E #139 1000 Natura 180 (percentage) Report in mg/gr and Time Time Lab Use Only: Collected By: Relinquished By: Received by: Client Alias: Turnaround time: 38 14:30 Jason Merritt 3/16/21 Order Number: Ask for availability pg. #2 of 2 Proper Container ☐ Standard (5 day) Sample Condition ☐ Rush (3-4 day) Temperature: (1.5x Standard) Shipped Via: Client ☐ Priority Rush (2 day) (2x Standard) Evidence of cooling:

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UND	DERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACC	CORDANCE WITH THE CONDITIONS LISTED ON THE RACK OF THIS FORM
SOBINISSION OF SAMPLES WITH TESTING RECORDINENTS TO FIAIS WILL BE OND	DENSITOOD TO BE AIR AGREEMENT TON SERVICES IN ACC	CONDANCE WITH THE CONDITIONS EISTED 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 12 f 2 bm





Report Number: 21-002795/D03.R00

03/23/2021 Report Date: ORELAP#: OR100028

Purchase Order:

Received: 03/16/21 14:30

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: 2102400								
Laboratory Con	itrol Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDV-A	0.00970	0.01	%	97.0	85.0 - 115	Acceptable		
CBDV	0.0100	0.01	%	100	85.0 - 115	Acceptable		
CBD-A	0.00975	0.01	%	97.5	85.0 - 115	Acceptable		
CBG-A	0.00968	0.01	%	96.8	85.0 - 115	Acceptable		
CBG	0.00992	0.01	%	99.2	85.0 - 115	Acceptable		
CBD	0.00992	0.01	%	99.2	85.0 - 115	Acceptable		
THCV	0.00990	0.01	%	99.0	85.0 - 115	Acceptable		
THCVA	0.00921	0.01	%	92.1	85.0 - 115	Acceptable		
CBN	0.0111	0.01	%	111	85.0 - 115	Acceptable		
THC	0.00977	0.01	%	97.7	85.0 - 115	Acceptable		
D8THC	0.00969	0.01	%	96.9	85.0 - 115	Acceptable		
CBL	0.00881	0.01	%	88.1	85.0 - 115	Acceptable		
CBC	0.0101	0.01	%	101	85.0 - 115	Acceptable		
THCA	0.00972	0.01	%	97.2	85.0 - 115	Acceptable		
CBCA	0.00926	0.01	%	92.6	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: 21-002795/D03.R00

03/23/2021 Report Date: ORELAP#: OR100028

Purchase Order:

Received: 03/16/21 14:30

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: 2102400									
Sample Dupl	icate			Sample ID: 21-002592-0001					
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	0.00759	0.00670	0.003	%	12.5	< 20	Acceptable		
CBD-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-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	<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	0.555	0.488	0.003	%	12.8	< 20	Acceptable		
THCV	<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		
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	<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		
THC	<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		
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	<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		
THCA	<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		
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

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

NA - Calculation Not Applicable given non-numerical results

Units of Measure:

% - Percent





Report Number: 21-002795/D03.R00

03/23/2021 Report Date: ORELAP#: OR100028

Purchase Order:

Received: 03/16/21 14:30

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.