

Test

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

#### 

**Report Number:** 22-**Report Date:** 002969/D006.R000 **ORELAP#:** 03/21/2022 **Purchase Order:** OR100028 **Received:** 03/15/22 14:19

Customer:	Healthy Roots
Product identity:	Lavender Puck #10.A
Client/Metrc ID:	
Laboratory ID:	22-002969-0002
	Summary
Potency:	

Analyte	Result	Limits	Units	Status	CBD-Total per 113g	
CBC	0.0100		%			
CBD	0.109		%		THC-Total per 113g	4.85-mg/:
CBD-A	0.00216		%		The rotat per 113g	
CBG†	0.00200		%			
CBT†	0.000927		%		(Reported in milligra	ams per serving)
<u>Δ9</u> -ТНС	0.00429		%			
Analyte per 113g	Result	Limits	Units	Status		
ČBC per 113g	11.3		mg/113g			
CBD per 113g	123		mg/113g			
CBD-A per 113g	2.44		mg/113g			
CBGper113g†	2.26		mg/113g			
CBTper113g†	1.05		mg/113g			
Δ9 -THC per113g	4.85		mg/113g			

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samples as



**Customer:** 

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



Report Number:	22-
Report Date:	002969/D006.R000
ORELAP#:	03/21/2022
Purchase Order:	OR100028
Received:	03/15/22 14:19

Product identity:	Lavender Puck #10.A
Client/Metrc ID:	·
Sample Date:	
Laboratory ID:	22-002969-0002
Evidence of Cooling:	No
Temp:	21.9 °C
Relinquished by:	client
Serving Size #1:	113 g

Healthy Roots

#### Sample Results

Potency	Method J AOA	C 2015 V98-6 (mod)	Units %Bato	: <b>h:</b> 2202295	Analyze: 3/17/22 10:56:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.0100		%	0.0007	
CBC-A†	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
CBC-Total †	0.0100		%	0.0012	
CBD	0.109		%	0.0007	
CBD-A	0.00216		%	0.0007	
CBD-Total	0.111		%	0.0012	
CBDV †	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
CBDV-A†	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
CBDV-Total †	<loq< td=""><td></td><td>%</td><td>0.0012</td><td></td></loq<>		%	0.0012	
CBE†	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
CBG†	0.00200		%	0.0007	
CBG-A †	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
CBG-Total	0.00200		%	0.0012	
CBL†	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
CBL-A†	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
CBL-Total†	<loq< td=""><td></td><td>%</td><td>0.0012</td><td></td></loq<>		%	0.0012	
CBN	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
CBT†	0.000927		%	0.0007	
Δ8-THCV	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
Δ8-THC†	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
Δ9-ТНС	0.00429		%	0.0007	
THC-A	<loq< td=""><td></td><td>70 %</td><td>0.0007</td><td></td></loq<>		70 %	0.0007	
THC-Total	0.00429				
THCV†	<loq< td=""><td></td><td>%</td><td>0.0012</td><td></td></loq<>		%	0.0012	
THCV-A†	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
THCV-Total†	<loq< td=""><td></td><td>%</td><td>0.0007</td><td></td></loq<>		%	0.0007	
TotalCannabinoids†	0.128	1 N	%	0.0012	~
W	EL		%	S	S
Potency per 113a		C 2015 V98-6 (mod)	Inite ma/soBat	ch. 2202205	Analyze: 3/17/22 10.56.00 AM

Potency per 113g	Method J AOA	C 2015 V98-6 (ma	<b>h:</b> 2202295	Analyze: 3/17/22 10:56:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per113g†	11.3		mg/113g	0.751	
CBC-Aper113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
CBC-Total per113g†	11.3		mg/113g	1.41	

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Purchase Order: Received: 03/15/22 14:19

Potency per 113g	Method J AOA	.C 2015 V98-6 (i	mod) <b>Units</b> mg/se <b>Batc</b>	h: 2202295Analyze	: 3/17/22 10:56:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 113g	123		mg/113g	0.751	
CBD-A per 113g	2.44		mg/113g	0.751	
CBD-Total per 113g	125		mg/113g	1.41	
CBDV per113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
CBDV-Aper113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
CBDV-Total per113g†	<loq< td=""><td></td><td>mg/113g</td><td>1.40</td><td></td></loq<>		mg/113g	1.40	
CBE per113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
CBGper113g†	2.26		mg/113g	0.751	
CBG-A per113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
CBG-Totalper113g†	2.26		mg/113g	1.40	
CBL per113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
CBL-Aper113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
CBL-Total per113g†	<loq< td=""><td></td><td>mg/113g</td><td>1.41</td><td></td></loq<>		mg/113g	1.41	
CBN per 113g	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
CBTper113g†	1.05		mg/113g	0.751	
Δ8-THCV per113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
Δ8-THC per113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
Δ9-THC per113g	4.85		mg/113g	0.751	
exo-THC per113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
THC-A per 113g	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
THC-Total per 113g	4.85		mg/113g	1.41	
THCV per113g†	<loq< td=""><td></td><td></td><td>0.751</td><td></td></loq<>			0.751	
THCV-A per113g†	<loq< td=""><td></td><td>mg/113g</td><td>0.751</td><td></td></loq<>		mg/113g	0.751	
THCV-Totalper113g†	<loq< td=""><td></td><td>mg/113g</td><td></td><td></td></loq<>		mg/113g		
Total Cannabinoidsper113g	145		mg/113g	1.41	
			mg/113g		

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#### Received: 03/15/22 14:19



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, CCR title 16-division 42. BCC-section 5723

**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.

<sup>†</sup> = Analyte not NELAP accredited.

#### Units of Measure

g = g mg/113g = Milligram per 113g % = Percentage of sample % wt = µg/g divided by 10,000



# SYMPLEAF

Approved Signatory

Derrick Tanner General Manager

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 Report Number:
 22 

 Report Date:
 002969/D006.R000

 ORELAP#:
 03/21/2022

 Purchase Order:
 OR100028

 Received:
 03/15/22 14:19

					-	-	-	halys	is Rec	ueste	d						
CHAIN OF CUSTODY Company: Healthy Roots Contact: Liz Merritt Address: 14325 NE Airport Way, #113 Portland, OR 97230 Email: Healthyrootshemp@gmail.com Phone: 503-496-329 License: AG-L 1052211FP		spunodu	esticide Multi-Residue - 379 compounds						Coliform			te Count, Salmonella	Proje Pri Custom Report	und time: 🖬 S	TRC or Other: Business Day Standard Turnaround		
	client Sample Identification	lthy roc	tshemp.co	Bides – OR 59 compounds	de Multi-Residu	×	esidual Solvents	Moisture & Water Activity	es .	Aicro: Yeast and Mold	Aicro: E.Coli and Total	leavy Metals	pxins	Other taphylococchu	Sampled	□ 2 *(	Business Day Rush Turnaround* Business Day Rush Turnaround* Check for availability
1	Lavender BB #10.A	the second s	Time	Pestici	Pestici	Potency	Residu	Moistu	Terpenes	Micro:	Micro:	Heavy	Mycotoxins	Other:	Sample Type †	Weight (Units)	Comments/Metrc ID
-	Lavender Puck *10.A Citnus B3 #10.A Citnus Puck #10.A				5	マンシ									TTT	113g 200g 113g	
	Rosemary 3B #10.A Rosemary Pude#10,A Lemongrass BB #10,A Lemongrass Pude#10,					1/									H T T	200g	Report in
	Lemongirass Puch #10.	A				V									T	2005 113g	Report in mg/gr and mg/gr
	Relinquished By:	Date	Time			Re	ceived	By:	1	-	Di	ate	т	ime			Lab Use Only:
n	Nelton	3 15	2:00f	-		A	C				3/	15	(L	1:19	Evidenc Sample		or Client drop res   QNo-Temp (°C): _21.9°C m;XV Yes   □ No
	† Samples submittet to Columbia Laborator: 23 NE Whitaker Way Idand, OR 97230	- Sample T	ype Codes: rs requirement.	Veget s constit	ation ( unde con ag	V) ; l:	if for ser	503) 25	accont. 4-1794	ance with	the cut (503) 2	rent teri 54-145	us of se	ture/To	opical (T) ; proceinted with	Edible (E) ; Beve dus COC 85 signing	rage (8) ; "Relinquished by " you are agreeing to these terms Page of www.calumbjajaboratories.com

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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





**Report Number:** 22-**Report Date: ORELAP#: Purchase Order: Received:** 

002969/D006.R000 03/21/2022 OR100028 03/15/22 14:19

	Revision: 1 Document ID: 7148
La da ave TDe M/	

Legacy ID: Worksheet Validated 04/20/202	21
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Laboratory Cont	98-6			Bat	ch ID:2202295			
nalyte		Spike	Unite	01 D	Limits	Evolution	Notes	
alyte DVA	Result 0.0105	0.01	Units %	% Rec 105	80.0 - 120	Evaluation Acceptable	Notes	
DV	0.0108	0.01	%	105	80.0 - 120	Acceptable		
E	0.0104	0.01	%	104	80.0 - 120	Acceptable		
IDA IGA	0.0100	0.01	%	100	80.0 - 120 80.0 120	Acceptable Acceptable		
G	0.00989	0.01	%		80.0 - 120	Acceptable		
BD	0.00989	0.01	%	98.9	80.0 - 120	Acceptable		b-
HCV	0.0105	0.01	%	105	80.0 - 120	Acceptable		<i>y</i>
BTHCV HCVA	0.0102	0.01	%	102 99.1	80.0 - 120 80.0 - 120	Acceptable Acceptable		
BN	0.0102	0.01	%	102	80.0 - 120	Acceptable		
o-THC	0.00937	0.01	%	93.7	80.0 - 120	Acceptable		
THC	0.00973	0.01	%	97.3	80.0 - 120	Acceptable		
THC L	0.00966	0.01	%	96.6 87.0	80.0 - 120 80.0 - 120	Acceptable Acceptable		
C	0.0102	0.01	%	102	80.0 - 120	Acceptable		
ICA	0.00972	0.01	%	97.2	80.0 - 120	Acceptable		
BCA BLA	0.0100 0.00964	0.01	%	100	80.0 - 120	Acceptable		<u> </u>
BLA BT	0.00964	0.01	%	96.4 79.4	80.0 - 120 80.0 - 120	Acceptable Acceptable		
-	0.00774	0.01	70	, ,.4	20.0 120	, locopitubio		
							Q6	
the d Diami								
ethod Blank nalyte	Result	LOQ		Units	Limits	Evaluation	Notes	
natyte BDVA	< LOQ	0.0006	1	W W	< 0.0006	Acceptable	NOLES	
BDV	< LOQ	0.0006		%	< 0.0006	Acceptable		
BE	< 100	0.0006		%	< 0.0006	Acceptable		
BDA BGA	< <u>+LOQ</u> <100	0.0006		<del>%</del>	< 0.0006 < 0.0006	Acceptable Acceptable		
BGA	<100 <100	0.0006		%	< 0.0006	Acceptable		
BD	< L00	0.0006		%	< 0.0006	Acceptable		
HCV	< L00	0.0006		%	< 0.0006	Acceptable		
ICVA	< LOQ < LOQ	0.0006		%	< 0.0006	Acceptable Acceptable		
BN	< LOQ < LOQ	0.0006		%	< 0.0008	Acceptable		
xo-THC	< LOQ	0.0006		%	< 0.0006	Acceptable		
9THC	<10Q	0.0006		%	< 0.0006	Acceptable		
IBTHC BL	< LOQ < LOQ	0.0006		%	< 0.0006 < 0.0006	Acceptable Acceptable		
BC	<100	0.0006		%	< 0.0006	Acceptable		
НСА	<100	0.0006		%	< 0.0006	Acceptable		
BCA	< LOQ	0.0006		%	< 0.0006	Acceptable		
BLA BT	< LOQ	0.0006		%	< 0.0006 < 0.0006	Acceptable Acceptable		
31	< LOQ	0.0000		%	< 0.0006	Acceptable		
RPD -I	-None Detected at or abc Relative Percent Differenc Limit of Quantitation re: Percent							

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samples as rece

quirements of NELAP and the Columbia La Test re 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





**Report Number:** 22-**Report Date: ORELAP#: Purchase Order: Received:** 

002969/D006.R000 03/21/2022 OR100028 03/15/22 14:19

Revision: 1 Document ID: 7148

L	egacy ID: Workshee	et Validated 04/	20/2021
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Laboratory Quality Control Results JAOAC 2015 V98-6 Batch ID:2202295								
Sample Dupli	Sample ID: 22-002889-0001							
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	< LOQ	< LOQ	0.003	%	NA	<20	Acceptable	
CBDV	< LÕŲ	< LOQ	0.003	%	NA	<20	Acceptable	
CBE	< LOQ	< LOQ	0.003	%	NA	<20	Acceptable	
CBDA	< 100	< LOQ	0.003	%	NA	<20	Acceptable	
CBGA	< L00	< L00	0.003	%	NA.	<20	Acceptable	
CRG	< 1.00	<100	0.003	%	NA	<20	Acceptable	
CBD	< L00	< L00	0.003	%	NA	<20	Acceptable	
THCV	< L00	< LOQ	0.003	%	NA	<20	Acceptable	
d8THCV	0.00478	0.0047	0.003	%	0.775	<20	Acceptable	
THCVA	< LOQ	5 < LOQ	0.003	%	NA	<20	Acceptable	
CBN	0.00304	< LOQ	0.003	%	NA	<20	Acceptable	
exo-THC	< LOQ	< LOQ	0.003	%	NA	<20	Acceptable	R2
d9THC	< 10Q	< 10Q	0.003	%	NA	<20	Acceptable	
d8THC	0.572	0.569	0.003	%	0.552	<20	Acceptable	
CBL	< L00	<100	0.003	%	AM	<20	Acceptable	
CBC	< LOQ	< 100	0.003	%	NA	<20	Acceptable	
THCA	<1.00	<100	0.003	%	NA	<20	Acceptable	
CBCA	< L00	< L00	0.003	%	NA	<20	Acceptable	
CBLA	< LOQ	< LOQ	0.003	%	NA	<20	Acceptable	
CBT	< LOQ	< LOQ	0.003	%	NA	<20	Acceptable	
				1				

Abbreviations ND -None Detected at or above MRL RPD -Relative Percent Difference LOQ -Limit of Quantitation

Units of Measure:

Test

% - 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	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.					

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