



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



**Report Number:** 20-005001/D03.R00  
**Report Date:** 05/21/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 05/14/20 17:00

**Customer:** Healthy Roots  
**Product identity:** Facial Oil #78  
**Client/Metric ID:** .  
**Laboratory ID:** 20-005001-0002

### Summary

#### Potency:

Analyte	Result	Limits	Units	Status		
CBD	0.749		%		CBD-Total per 16g	120 mg/16g
Analyte per 16g	Result	Limits	Units	Status		
CBD per 16g	120		mg/16g		THC-Total per 16g	<LOQ
						(Reported in milligrams per serving)



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**Customer:** Healthy Roots

**Product identity:** Facial Oil #78

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 20-005001-0002

**Relinquished by:** Not Signed

**Temp:** 21 °C

## Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Batch: 2004231	Analyze: 1/1/70 12:00:00 AM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.0033	
CBC-A†	< LOQ		%	0.0033	
CBC-Total†	< LOQ		%	0.0062	
CBD	0.749		%	0.0033	
CBD-A	< LOQ		%	0.0033	
CBD-Total	0.749		%	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	< LOQ		%	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†	0.749		%		

Potency per 16g	Method J AOAC 2015 V98-6 (mod)	Batch: 2004231	Analyze: 1/1/70 12:00:00 AM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 16g	< LOQ		mg/16g	0.524	
CBC-A per 16g	< LOQ		mg/16g	0.524	
CBC-Total per 16g	< LOQ		mg/16g	0.984	
CBD per 16g	120		mg/16g	0.524	
CBD-A per 16g	< LOQ		mg/16g	0.524	
CBD-Total per 16g	120		mg/16g	0.984	
CBDV per 16g	< LOQ		mg/16g	0.524	
CBDV-A per 16g	< LOQ		mg/16g	0.524	
CBDV-Total per 16g	< LOQ		mg/16g	0.979	



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Potency per 16g					
Method J AOAC 2015 V98-6 (mod) Batch: 2004231 Analyze: 1/1/70 12:00:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBG per 16g	< LOQ		mg/16g	0.524	
CBG-A per 16g	< LOQ		mg/16g	0.524	
CBG-Total per 16g	< LOQ		mg/16g	0.979	
CBL per 16g	< LOQ		mg/16g	0.524	
CBN per 16g	< LOQ		mg/16g	0.524	
$\Delta$ 8-THC per 16g	< LOQ		mg/16g	0.524	
$\Delta$ 9-THC per 16g	< LOQ		mg/16g	0.524	
THC-A per 16g	< LOQ		mg/16g	0.524	
THC-Total per 16g	< LOQ		mg/16g	0.984	
THCV per 16g	< LOQ		mg/16g	0.524	
THCV-A per 16g	< LOQ		mg/16g	0.524	
THCV-Total per 16g	< LOQ		mg/16g	0.985	
<b>Total Cannabinoids 16g<sup>†</sup></b>	<b>120</b>		mg/16g		



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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/16g = Milligram per 16g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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Healthy Roots  
Our Roots Run Deep

CHAIN OF CUSTODY

Company: Healthy Roots  
Contact: Liz Merritt  
Address: 14325 NE Airport Way, #113  
Portland, OR 97230  
Email: HealthyRootsTemp@gmail.com  
Phone: 503-496-2329  
License: AG-1-1052211FP

Portland OR 97230 p.503-254-1794

### Cannabis Chain of Custody

ORELAP ID: OR100028

#### Analysis Requested

26-005001

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:

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	Comm: Healthy Roots	Report in mg/gr and % (percentage)
Puck				X												111 grams		
Facial Oil #78				X												110 gr		
Capsule mix #81				X												1 mb		
1000 Berry #79				X												28.5 gr		
600 PET #80				X												28.5 gr		

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)				Jmu	5-14-20	17:00	Client Alias: Order Number: Proper Container Sample Condition Temperature: 21.0 Shipped Via: client Evidence of cooling: <input type="checkbox"/> No

Original COC - see attached for signature. JS 5/21/2020

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

Version: 3.00 Control#: CF023  
Effective 05/22/2019 Revised 05/22/2019  
[www.pixislabs.com](http://www.pixislabs.com)  
[www.columbiainfoodlab.com](http://www.columbiainfoodlab.com)

Page 1 of 2  
5-15-20





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Received: 05/14/20 17:00

Portland OR 97230 p.503-254-1794 Cannabis Chain of Custody

HEALTHY ROOTS  
Our Roots Run Deep

Company: Healthy Roots  
Contact: Liz Werthe  
Address: 14325 NE Airport Way, #113  
Portland, OR 97230  
Email: HealthyRootsTemp@gmail.com  
Phone: 503-496-2329  
License: AG-L-1052211FP

CHAIN OF CUSTODY

Analysis Requested: 26-005001

ORELAP ID: OR100028

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:

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	Comm: Healthy Roots	Report in mg/gr and % (percentage)
Puck				X												111 grams		
Facial oil #18				X												110gr		
Capsule mix #81				X												1 ML		
100 Berry #79				X												28.5 gr		
200 Per #80				X												28.5 gr		

Collected By: Relinquished By: Date Time Received by: Date Time Lab Use Only:  
urnaround time: 5-14-20 10:04 AM mv 5-14-20 17:00 Client Alias:  
ask for availability Order Number:  
Standard (5 day) Proper Container  
Rush (3-4 day) Sample Condition  
(1.5x Standard) Temperature: 21.0  
Priority Rush (2 day) Shipped Via: client  
2x Standard) Evidence of cooling: No

Updated COC with client signature. JS 5/21/2020

MISSION 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

ision: 3.00 Control#: CF023 www.pixislabs.com  
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Page 1 of 2  
5-15-20



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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: 2004231										
Laboratory Control Sample										
Analyte	Result		Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDV-A	0.00905		0.01	%	90.5	85.0 - 115		Acceptable		
CBDV	0.00939		0.01	%	93.9	85.0 - 115		Acceptable		
CBD-A	0.00932		0.01	%	93.2	85.0 - 115		Acceptable		
CBG-A	0.00898		0.01	%	89.8	85.0 - 115		Acceptable		
CBG	0.00924		0.01	%	92.4	85.0 - 115		Acceptable		
CBD	0.00895		0.01	%	89.5	85.0 - 115		Acceptable		
THCV	0.00919		0.01	%	91.9	85.0 - 115		Acceptable		
THCVA	0.00882		0.01	%	88.2	85.0 - 115		Acceptable		
CBN	0.00950		0.01	%	95.0	85.0 - 115		Acceptable		
THC	0.00960		0.01	%	96.0	85.0 - 115		Acceptable		
D8THC	0.00903		0.01	%	90.3	85.0 - 115		Acceptable		
CBL	0.00935		0.01	%	93.5	85.0 - 115		Acceptable		
CBC	0.00970		0.01	%	97.0	85.0 - 115		Acceptable		
THCA	0.00914		0.01	%	91.4	85.0 - 115		Acceptable		
CBCA	0.00903		0.01	%	90.3	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: 2004231		
Sample Duplicate						Sample ID: 20-004961-0001		
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	1.41	1.39	0.003	%	1.73	< 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





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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.