



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



Report Number: 21-004837/D03.R00
Report Date: 05/05/2021
ORELAP#: OR100028
Purchase Order:
Received: 04/30/21 14:30

Customer: Healthy Roots
Product identity: #145 Facial Oil
Client/Metric ID: .
Laboratory ID: 21-004837-0003

Sample Date: 04/30/21

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.656		%		CBD-Total per 16g 105 mg/16g
Analyte per 16g	Result	Limits	Units	Status	
CBD per 16g	105		mg/16g		THC-Total per 16g <LOQ
					(Reported in milligrams per serving)



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Customer: Healthy Roots

Product identity: #145 Facial Oil
Client/Metric ID: .
Sample Date: 04/30/21
Laboratory ID: 21-004837-0003
Temp: 24.6 °C
Serving Size #1: 16 g

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)	Units %	Batch: 2104051	Analyze: 5/4/21	9:21:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.0032	
CBC-A†	< LOQ		%	0.0032	
CBC-Total†	< LOQ		%	0.0059	
CBD	0.656		%	0.0032	
CBD-A	< LOQ		%	0.0032	
CBD-Total	0.656		%	0.0059	
CBDV†	< LOQ		%	0.0032	
CBDV-A†	< LOQ		%	0.0032	
CBDV-Total†	< LOQ		%	0.0059	
CBG†	< LOQ		%	0.0032	
CBG-A†	< LOQ		%	0.0032	
CBG-Total	< LOQ		%	0.0059	
CBL†	< LOQ		%	0.0032	
CBN	< LOQ		%	0.0032	
Δ8-THC†	< LOQ		%	0.0032	
Δ9-THC	< LOQ		%	0.0032	
THC-A	< LOQ		%	0.0032	
THC-Total	< LOQ		%	0.0059	
THCV†	< LOQ		%	0.0032	
THCV-A†	< LOQ		%	0.0032	
THCV-Total†	< LOQ		%	0.0059	
Total Cannabinoids†	0.656		%		

Potency per 16g	Method J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2104051	Analyze: 5/4/21 9:21:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 16g†	< LOQ		mg/16g	0.504	
CBC-A per 16g†	< LOQ		mg/16g	0.504	
CBC-Total per 16g†	< LOQ		mg/16g	0.947	
CBD per 16g	105		mg/16g	0.504	
CBD-A per 16g	< LOQ		mg/16g	0.504	
CBD-Total per 16g	105		mg/16g	0.947	
CBDV per 16g†	< LOQ		mg/16g	0.504	
CBDV-A per 16g†	< LOQ		mg/16g	0.504	
CBDV-Total per 16g†	< LOQ		mg/16g	0.942	



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Potency per 16g **Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2104051 Analyze: 5/4/21 9:21:00 PM**

Analyte	Result	Limits	Units	LOQ	Notes
CBG per 16g [†]	< LOQ		mg/16g	0.504	
CBG-A per 16g [†]	< LOQ		mg/16g	0.504	
CBG-Total per 16g [†]	< LOQ		mg/16g	0.942	
CBL per 16g [†]	< LOQ		mg/16g	0.504	
CBN per 16g	< LOQ		mg/16g	0.504	
Δ 8-THC per 16g [†]	< LOQ		mg/16g	0.504	
Δ 9-THC per 16g	< LOQ		mg/16g	0.504	
THC-A per 16g	< LOQ		mg/16g	0.504	
THC-Total per 16g	< LOQ		mg/16g	0.947	
THCV per 16g [†]	< LOQ		mg/16g	0.504	
THCV-A per 16g [†]	< LOQ		mg/16g	0.504	
THCV-Total per 16g [†]	< LOQ		mg/16g	0.947	



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

Approved Signatory

Derrick Tanner
General Manager



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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: 2104051					
Laboratory Control Sample									
Analyte	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDV-A	0.00984	0.01	%	98.4	85.0	- 115	Acceptable		
CBDV	0.0101	0.01	%	101	85.0	- 115	Acceptable		
CBD-A	0.0100	0.01	%	100	85.0	- 115	Acceptable		
CBG-A	0.00985	0.01	%	98.5	85.0	- 115	Acceptable		
CBG	0.0101	0.01	%	101	85.0	- 115	Acceptable		
CBD	0.0115	0.01	%	115	85.0	- 115	Acceptable		
THCV	0.0102	0.01	%	102	85.0	- 115	Acceptable		
THCVA	0.00963	0.01	%	96.3	85.0	- 115	Acceptable		
CBN	0.0107	0.01	%	107	85.0	- 115	Acceptable		
THC	0.0109	0.01	%	109	85.0	- 115	Acceptable		
D8THC	0.0101	0.01	%	101	85.0	- 115	Acceptable		
CBL	0.0102	0.01	%	102	85.0	- 115	Acceptable		
CBC	0.0104	0.01	%	104	85.0	- 115	Acceptable		
THCA	0.0105	0.01	%	105	85.0	- 115	Acceptable		
CBCA	0.0109	0.01	%	109	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: 2104051			
Sample Duplicate					Sample ID: 21-004750-0001			
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0198	0.0204	0.003	%	2.99	< 20	Acceptable	
CBD-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0272	0.0279	0.003	%	2.69	< 20	Acceptable	
CBD	2.59	2.62	0.003	%	1.48	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.0439	0.0439	0.003	%	0.0596	< 20	Acceptable	
THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	0.00748	0.00711	0.003	%	5.1	< 20	Acceptable	
CBC	0.108	0.108	0.003	%	0.40	< 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.