



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



Report Number: 24-002796/D002.R000
Report Date: 03/18/2024
ORELAP#: OR100028
Purchase Order:
Received: 03/13/24 09:54

Customer: Seventh Hill Releaf LLC
Product identity: UMN Elderberry
Client/Metric ID: UMN2020524
Laboratory ID: 24-002796-0002

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.345		%		CBD-Total per Serving Size 20.7 mg/6g
CBG	0.00535		%		
CBN	0.346		%		THC-Total per Serving Size 5.45 mg/6g
Δ9-THC	0.0909		%		(Reported in milligrams per serving)
Analyte per 6g	Result	Limits	Units	Status	
CBD per 6g	20.7		mg/6g		
CBG per 6g	0.321		mg/6g		
CBN per 6g	20.8		mg/6g		
Δ9-THC per 6g	5.45		mg/6g		



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Customer: Seventh Hill Releaf LLC
 215 S 19th St
 Springfield Oregon 97477
 United States of America (USA)

Product identity: UMN Elderberry
Client/Metric ID: UMN2020524

Sample Date:
Laboratory ID: 24-002796-0002

Evidence of Cooling: No
Temp: 15.3 °C

Relinquished by: client
Serving Size #1: 6 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod)	Units %	Batch: 2402064	Analyze: 3/15/24 4:52:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD [±]	0.345		%	0.00316	
CBD-A [±]	< LOQ		%	0.00316	
CBD-Total	0.345		%	0.00592	
CBG	0.00535		%	0.00316	
CBG-A	< LOQ		%	0.00316	
CBG-Total	< LOQ		%	0.00589	
CBN	0.346		%	0.00316	
Δ10-THC-9R	< LOQ		%	0.00316	
Δ10-THC-9S	< LOQ		%	0.00316	
Δ10-THC-Total	< LOQ		%	0.00631	
Δ8-THC [±]	< LOQ		%	0.00316	
Δ9-THC [±]	0.0909		%	0.00316	
THC-A [±]	< LOQ		%	0.00316	
THC-Total	0.0909		%	0.00592	
Total Cannabinoids	0.787		%		

Potency per 6g	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2402064	Analyze: 3/15/24 4:52:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 6g	20.7		mg/6g	0.189	
CBD-A per 6g [±]	< LOQ		mg/6g	0.189	
CBD-Total per 6g [±]	20.7		mg/6g	0.355	
CBG per 6g	0.321		mg/6g	0.189	
CBG-A per 6g	< LOQ		mg/6g	0.189	
CBG-Total per 6g	< LOQ		mg/6g	0.353	
CBN per 6g	20.8		mg/6g	0.189	
Δ10-THC-9R per 6g	< LOQ		mg/6g	0.189	
Δ10-THC-9S per 6g	< LOQ		mg/6g	0.189	
Δ10-THC-Total per 6g	< LOQ		mg/6g	0.379	
Δ8-THC per 6g [±]	< LOQ		mg/6g	0.189	
Δ9-THC per 6g [±]	5.45		mg/6g	0.189	



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Potency per 6g					
Method: J AOAC 2015 V98-6 (mod)					
Units mg/se Batch: 2402064 Analyze: 3/15/24 4:52:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
THC-A per 6g ^L	< LOQ		mg/6g	0.189	
THC-Total per 6g	5.45		mg/6g	0.355	
Total Cannabinoids per 6g	47.2		mg/6g		



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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.

Ⓟ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

Units of Measure

g = g

mg/6g = Milligram per 6g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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Revision: 4 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2402064

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDA	1	0.0313	0.0319	%	98.3	90.0	- 110	Acceptable	
CBGA	1	0.0310	0.0316	%	98.1	80.0	- 120	Acceptable	
CBG	1	0.0357	0.0366	%	97.5	80.0	- 120	Acceptable	
CBD	1	0.0345	0.0355	%	97.2	90.0	- 110	Acceptable	
CBN	1	0.0329	0.0334	%	98.6	80.0	- 120	Acceptable	
d9THC	1	0.0353	0.0355	%	99.5	90.0	- 110	Acceptable	
d8THC	1	0.0330	0.0339	%	97.3	90.0	- 110	Acceptable	
9S-d10THC	1	0.0327	0.0333	%	98.1	80.0	- 120	Acceptable	
9R-d10THC	1	0.0319	0.0326	%	97.9	80.0	- 120	Acceptable	
THCA	1	0.0318	0.0320	%	99.3	90.0	- 110	Acceptable	

Method Blank							
Analyte	Result	LOQ	Units	Limits		Evaluation	Notes
CBDA	<LOQ	0.00323	%	< 0.00323		Acceptable	
CBGA	<LOQ	0.00323	%	< 0.00323		Acceptable	
CBG	<LOQ	0.00323	%	< 0.00323		Acceptable	
CBD	<LOQ	0.00323	%	< 0.00323		Acceptable	
CBN	<LOQ	0.00323	%	< 0.00323		Acceptable	
d9THC	<LOQ	0.00323	%	< 0.00323		Acceptable	
d8THC	<LOQ	0.00323	%	< 0.00323		Acceptable	
9S-d10THC	<LOQ	0.00323	%	< 0.00323		Acceptable	
9R-d10THC	<LOQ	0.00323	%	< 0.00323		Acceptable	
THCA	<LOQ	0.00323	%	< 0.00323		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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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2402064						
Sample Duplicate		Sample ID: 24-002797-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBD	0.843	0.849	0.00331	%	0.810	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00331	%	NA	< 20	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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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.