



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



Report Number: 24-002717/D011.R000
Report Date: 03/14/2024
ORELAP#: OR100028
Purchase Order:
Received: 03/11/24 14:42

Customer: Flowerchild CBD
Product identity: Sweet Dreams CBN Oil
Client/Metric ID: .
Laboratory ID: 24-002717-0011

Summary

Potency:

Analyte per 30ml	Result	Limits	Units	Status	
CBD per 30ml	639		mg/30ml		CBD-Total per Serving Size 643 mg/30ml
CBD-A per 30ml	4.17		mg/30ml		
CBG per 30ml	30.0		mg/30ml		THC-Total per Serving Size <LOQ
CBN per 30ml	978		mg/30ml		(Reported in milligrams per serving)
Δ8-THC per 30ml	262		mg/30ml		



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Customer: Flowerchild CBD
 141 Southridge Rd
 Port Angeles Washington 98363
 United States of America (USA)

Product identity: Sweet Dreams CBN Oil

Client/Metric ID: .

Sample Date:

Laboratory ID: 24-002717-0011

Evidence of Cooling: No

Temp: 17.3 °C

Relinquished by: shipping

Serving Size #1: 30 g

Density: 1.000 g/ml

Sample Results

Potency per 30ml	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2401960	Analyze: 3/13/24 1:29:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 30ml	639		mg/30ml	9.55	
CBD-A per 30ml ^L	4.17		mg/30ml	0.955	
CBD-Total per 30ml ^L	643		mg/30ml	10.4	
CBG per 30ml	30.0		mg/30ml	0.955	
CBG-A per 30ml	< LOQ		mg/30ml	0.955	
CBG-Total per 30ml	30.0		mg/30ml	1.78	
CBN per 30ml	978		mg/30ml	9.55	
Δ10-THC-9R per 30ml	< LOQ		mg/30ml	0.955	
Δ10-THC-9S per 30ml	< LOQ		mg/30ml	0.955	
Δ10-THC-Total per 30ml	< LOQ		mg/30ml	1.91	
Δ8-THC per 30ml ^L	262		mg/30ml	0.955	
Δ9-THC per 30ml ^L	< LOQ		mg/30ml	0.955	
THC-A per 30ml ^L	< LOQ		mg/30ml	0.955	
THC-Total per 30ml	< LOQ		mg/30ml	1.79	
Total Cannabinoids per 30ml	1910		mg/30ml		



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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

g/ml = Gram per milliliter

mg/30ml = Milligram per 30ml

% = Percentage of sample

% wt = µg/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: 2401960

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDA	1	0.0314	0.0319	%	98.4	90.0	- 110	Acceptable	
CBGA	1	0.0311	0.0316	%	98.6	80.0	- 120	Acceptable	
CBG	1	0.0359	0.0366	%	98.1	80.0	- 120	Acceptable	
CBD	1	0.0348	0.0355	%	98.0	90.0	- 110	Acceptable	
CBN	1	0.0331	0.0334	%	99.3	80.0	- 120	Acceptable	
d9THC	1	0.0353	0.0355	%	99.5	90.0	- 110	Acceptable	
d8THC	1	0.0335	0.0339	%	98.7	90.0	- 110	Acceptable	
9S-d10THC	1	0.0331	0.0333	%	99.4	80.0	- 120	Acceptable	
9R-d10THC	1	0.0323	0.0326	%	99.2	80.0	- 120	Acceptable	
THCA	1	0.0316	0.0320	%	98.6	90.0	- 110	Acceptable	

Method Blank							
Analyte	Result	LOQ	Units	Limits		Evaluation	Notes
CBDA	<LOQ	0.00326	%	< 0.00326		Acceptable	
CBGA	<LOQ	0.00326	%	< 0.00326		Acceptable	
CBG	<LOQ	0.00326	%	< 0.00326		Acceptable	
CBD	<LOQ	0.00326	%	< 0.00326		Acceptable	
CBN	<LOQ	0.00326	%	< 0.00326		Acceptable	
d9THC	<LOQ	0.00326	%	< 0.00326		Acceptable	
d8THC	<LOQ	0.00326	%	< 0.00326		Acceptable	
9S-d10THC	<LOQ	0.00326	%	< 0.00326		Acceptable	
9R-d10THC	<LOQ	0.00326	%	< 0.00326		Acceptable	
THCA	<LOQ	0.00326	%	< 0.00326		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: 2401960						
Sample Duplicate		Sample ID: 24-002679-0002						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBG	0.288	0.289	0.00317	%	0.156	< 20	Acceptable	
CBD	8.69	8.64	0.00317	%	0.584	< 20	Acceptable	
CBN	0.0721	0.0721	0.00317	%	0.00700	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00317	%	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.