



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



**Report Number:** 24-001920/D004.R000  
**Report Date:** 02/26/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/20/24 16:45

**Customer:** Brothers Apothecary  
**Product identity:** FS - Sleep 1.1  
**Client/Metric ID:** .  
**Laboratory ID:** 24-001920-0001

### Summary

**Potency:**

Analyte per 0.35g	Result	Limits	Units	Status	
CBD per 0.35g	18.8		mg/0.35g		CBD-Total per Serving Size 20.9 mg/0.35g
CBD-A per 0.35g	2.38		mg/0.35g		
CBG per 0.35g	0.389		mg/0.35g		THC-Total per Serving Size 0.735 mg/0.35g
CBN per 0.35g	0.0121		mg/0.35g		
Δ9-THC per 0.35g	0.735		mg/0.35g		(Reported in milligrams per serving)



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



**Report Number:** 24-001920/D004.R000  
**Report Date:** 02/26/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/20/24 16:45

**Customer:** Brothers Apothecary  
 3423 SE18th Ave  
 Portland OR, 97202  
 United States of America (USA)

**Product identity:** FS - Sleep 1.1

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 24-001920-0001

**Evidence of Cooling:** No

**Temp:** 22.1 °C

**Relinquished by:** client

**Serving Size #1:** 0.35 g

### Sample Results

Potency per 0.35g		Method: J AOAC 2015 V98-6 (mod)		Units mg/se Batch: 2401390		Analyze: 2/21/24 6:18:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 0.35g	18.8		mg/0.35g	0.108		
CBD-A per 0.35g <sup>±</sup>	2.38		mg/0.35g	0.0108		
CBD-Total per 0.35g <sup>±</sup>	20.9		mg/0.35g	0.117		
CBG per 0.35g	0.389		mg/0.35g	0.0108		
CBG-A per 0.35g	< LOQ		mg/0.35g	0.0108		
CBG-Total per 0.35g	0.389		mg/0.35g	0.0201		
CBN per 0.35g	0.0121		mg/0.35g	0.0108		
Δ10-THC-9R per 0.35g	< LOQ		mg/0.35g	0.0108		
Δ10-THC-9S per 0.35g	< LOQ		mg/0.35g	0.0108		
Δ10-THC-Total per 0.35g	< LOQ		mg/0.35g	0.0215		
Δ8-THC per 0.35g <sup>±</sup>	< LOQ		mg/0.35g	0.0108		
Δ9-THC per 0.35g <sup>±</sup>	0.735		mg/0.35g	0.0108		
THC-A per 0.35g <sup>±</sup>	< LOQ		mg/0.35g	0.0108		
THC-Total per 0.35g	0.735		mg/0.35g	0.0202		
Total Cannabinoids per 0.35g	22.3		mg/0.35g			



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



**Report Number:** 24-001920/D004.R000  
**Report Date:** 02/26/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/20/24 16:45

**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/0.35g = Milligram per 0.35g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner  
General Manager



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



**Report Number:** 24-001920/D004.R000  
**Report Date:** 02/26/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/20/24 16:45

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2401390

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0323	0.0322	%	100	80.0	- 120	Acceptable	
CBDV	2	0.0298	0.0297	%	100	80.0	- 120	Acceptable	
CBE	2	0.0354	0.0356	%	99.5	80.0	- 120	Acceptable	
CBDA	1	0.0311	0.0306	%	101	90.0	- 110	Acceptable	
CBGA	1	0.0305	0.0303	%	101	80.0	- 120	Acceptable	
CBG	1	0.0326	0.0327	%	99.7	80.0	- 120	Acceptable	
CBD	1	0.0332	0.0335	%	99.2	90.0	- 110	Acceptable	
THCV	2	0.0332	0.0333	%	99.5	80.0	- 120	Acceptable	
d8THCV	2	0.0282	0.0283	%	99.6	80.0	- 120	Acceptable	
THCVA	2	0.0315	0.0315	%	99.9	80.0	- 120	Acceptable	
CBN	1	0.0304	0.0301	%	101	80.0	- 120	Acceptable	
exo-THC	2	0.0329	0.0335	%	98.3	80.0	- 120	Acceptable	
d9THC	1	0.0318	0.0317	%	101	90.0	- 110	Acceptable	
d8THC	1	0.0305	0.0304	%	100	90.0	- 110	Acceptable	
9S-d10THC	1	0.0322	0.0324	%	99.5	80.0	- 120	Acceptable	
CBL	2	0.0327	0.0328	%	99.6	80.0	- 120	Acceptable	
9R-d10THC	1	0.0311	0.0317	%	98.1	80.0	- 120	Acceptable	
CBC	2	0.0296	0.0305	%	96.9	80.0	- 120	Acceptable	
THCA	1	0.0302	0.0296	%	102	90.0	- 110	Acceptable	
CBCA	2	0.0329	0.0327	%	100	80.0	- 120	Acceptable	
CBLA	2	0.0335	0.0336	%	99.8	80.0	- 120	Acceptable	
d9THCP	2	0.0316	0.0328	%	96.4	80.0	- 120	Acceptable	
CBT	2	0.0314	0.0327	%	95.9	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBDV	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBE	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBDA	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBGA	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBG	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBD	<LOQ	0.00312	%	< 0.00312	Acceptable	
THCV	<LOQ	0.00312	%	< 0.00312	Acceptable	
d8THCV	<LOQ	0.00312	%	< 0.00312	Acceptable	
THCVA	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBN	<LOQ	0.00312	%	< 0.00312	Acceptable	
exo-THC	<LOQ	0.00312	%	< 0.00312	Acceptable	
d9THC	<LOQ	0.00312	%	< 0.00312	Acceptable	
d8THC	<LOQ	0.00312	%	< 0.00312	Acceptable	
9S-d10THC	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBL	<LOQ	0.00312	%	< 0.00312	Acceptable	
9R-d10THC	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBC	<LOQ	0.00312	%	< 0.00312	Acceptable	
THCA	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBCA	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBLA	<LOQ	0.00312	%	< 0.00312	Acceptable	
d9THCP	<LOQ	0.00312	%	< 0.00312	Acceptable	
CBT	<LOQ	0.00312	%	< 0.00312	Acceptable	

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

**Units of Measure:**  
 % - Percent



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



**Report Number:** 24-001920/D004.R000  
**Report Date:** 02/26/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/20/24 16:45

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

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2401390						
Sample Duplicate		Sample ID: 24-001859-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBD	0.609	0.613	0.00321	%	0.678	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBN	0.121	0.121	0.00321	%	0.719	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBT	0.00887	0.00900	0.00321	%	1.48	< 20	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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



**Report Number:** 24-001920/D004.R000  
**Report Date:** 02/26/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/20/24 16:45





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.