



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



Report Number: 25-001984/D030.R000
Report Date: 03/05/2025
ORELAP#: OR100028
Purchase Order:
Received: 02/25/25 10:30

Customer: Seventh Hill Releaf LLC
Product identity: Freebird CBN Oil
Metrc ID: 50050020251
Metrc Source ID:
Laboratory ID: 25-001984-0030

Summary

Potency:

Analyte	Result	Limits	Units	Status
CBD	1.60		%	
CBN	1.57		%	
Analyte per 28g	Result	Limits	Units	Status
CBD per 28g	448		mg/28g	
CBN per 28g	440		mg/28g	

CBD-Total per Serving Size	448 mg/28g
Delta-9-THC-Total per	<LOQ
(Reported in milligrams per serving)	



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

Product identity: Freebird CBN Oil
Metric ID: 50050020251
Metric Source ID:
Material: Cannabinoid Tincture
Sample Date:
Laboratory ID: 25-001984-0030
Evidence of Cooling: No
Temp: 16.4 °C
Serving Size #1: 28 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2501436	Analyze: 2/28/25 4:13:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD [±]	1.60		%	0.0322	
CBD-A [±]	< LOQ		%	0.00322	
CBD-Total [±]	1.60		%	0.0350	
CBG	< LOQ		%	0.00322	
CBG-A	< LOQ		%	0.00322	
CBG-Total	< LOQ		%	0.00600	
CBN	1.57		%	0.0322	
Δ10-THC-9R	< LOQ		%	0.00322	
Δ10-THC-9S	< LOQ		%	0.00322	
Δ10-THC-Total	< LOQ		%	0.00643	
Δ8-THC [±]	< LOQ		%	0.00322	
Δ9-THC [±]	< LOQ		%	0.00322	
Δ9-THC-A [±]	< LOQ		%	0.00322	
Δ9-THC-Total [±]	< LOQ		%	0.00604	
Total Cannabinoids	3.17		%		

Potency per 28g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2501436	Analyze: 2/28/25 4:13:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 28g	448		mg/28g	9.01	
CBD-A per 28g [±]	< LOQ		mg/28g	0.901	
CBD-Total per 28g [±]	448		mg/28g	9.80	
CBG per 28g	< LOQ		mg/28g	0.901	
CBG-A per 28g	< LOQ		mg/28g	0.901	
CBG-Total per 28g	< LOQ		mg/28g	1.68	
CBN per 28g	440		mg/28g	9.01	
Δ10-THC-9R per 28g	< LOQ		mg/28g	0.901	
Δ10-THC-9S per 28g	< LOQ		mg/28g	0.901	
Δ10-THC-Total per 28g	< LOQ		mg/28g	1.80	



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Potency per 28g **Method:** J AOAC 2015 V98-6 (mod)^b **Units** mg/se **Batch:** 2501436 **Analyze:** 2/28/25 4:13:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
Δ8-THC per 28g [±]	< LOQ		mg/28g	0.901	
Δ9-THC per 28g [±]	< LOQ		mg/28g	0.901	
Δ9-THC-Total per 28g	< LOQ		mg/28g	1.69	
THC-A per 28g [±]	< LOQ		mg/28g	0.901	
Total Cannabinoids per 28g	888		mg/28g		



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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.

^p = ISO/IEC 17025:2017 accredited method.

[⊥] = TNI accredited analyte.

Units of Measure

g = Gram

mg/28g = Milligram per 28g

% = Percentage of sample

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



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**Hemp & Cannabis
Chain of Custody**

**Seventh-Hill-CBD-
1740432819**

Company Details Company: <u>Seventh Hill CBD</u> Contact: <u>Jordan Dunn</u> Street Address: <u>215 South 19th Street</u> City, State, Zip: <u>Springfield, OR 97477</u> Email: <u>jordandunn@seventhhillcbd.com</u> Contact Phone: <u>5415912620</u> Company Phone: <u>5415912620</u> Billing Information Billing Phone: <u>5415912620</u> Billing Email: <u>jordandunn@seventhhillcbd.com</u>				Project Details Turnaround Time: <u>3 Business Days Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Receipt Information Evidence of Cooling?: <u>No</u> Sample Condition: <u>Satisfactory</u> Prelog Storage: <u>Canna Shelves</u>			Testing H0014 - Potency Cannabis (Basic) H0010 - Potency Cannabis (Basic+ Expanded)	
#	Sample Name	Material	METRC ID	Amount Provided	Reporting Unit	Specifications		
1	25:1 Caramel	Cannabinoid Edible	CC2520251	72 g	% & mg/serving	17 Grams per Serving	✓	
2	2-1 Caramel	Cannabinoid Edible	CC2120251	72 g	% & mg/serving	17 Grams per Serving	✓	
3	2-1 Extra Strength Caramel	Cannabinoid Edible	CC4220251	72 g	% & mg/serving	17 Grams per Serving	✓	
4	1-1 Caramel	Cannabinoid Edible	CC1120251	72 g	% & mg/serving	17 Grams per Serving	✓	
5	Sleep CBN Caramel	Cannabinoid Edible	FB2520251	72 g	% & mg/serving	17 Grams per Serving	✓	
6	Sleep 1-1 Caramel	Cannabinoid Edible	FB1120251	72 g	% & mg/serving	17 Grams per Serving	✓	
7	50mg CBD Caramel	Cannabinoid Edible	HC5002025	72 g	% & mg/serving	17 Grams per Serving	✓	
8	2-1 CBD + CBN Caramel	Cannabinoid Edible	HC21N2025	72 g	% & mg/serving	17 Grams per Serving	✓	
9	2-1 CBD + CBG Caramel	Cannabinoid Edible	HC21G2025	72 g	% & mg/serving	17 Grams per Serving	✓	
10	3-1 Fudge	Cannabinoid Edible	CF312025	72 g	% & mg/serving	17 Grams per Serving	✓	

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
<i>Jordan Taylor Dunn</i>	<i>02/24/2025</i>	<i>13:33</i>	<i>sem</i>	<i>02/25/2025</i>	<i>10:30</i>	<i>16.40</i>	<i>Other</i>

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

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#	Sample Name	Material	METRC ID	Amount Provided	Reporting Unit	Specifications		
11	100mg THC Krispy	Cannabinoid Edible	KF100T20251	65 g	% & mg/serving	65 Grams per Serving	✓	
12	100mg CBD Krispy	Cannabinoid Edible	KFC20251	65 g	% & mg/serving	65 Grams per Serving	✓	
13	3-1 Gummy	Cannabinoid Edible	GC3120251	56 g	% & mg/serving	4.8 Grams Per Serving	✓	
14	1-1 Gummy	Cannabinoid Edible	GC1120251	56 g	% & mg/serving	4.8 Grams Per Serving	✓	
15	Focus CBG Gummy	Cannabinoid Edible	GF2020251	56 g	% & mg/serving	4.8 Grams Per Serving	✓	
16	Root Beer Gummy	Cannabinoid Edible	GR1520251	56 g	% & mg/serving	4.8 Grams Per Serving	✓	
17	50mg CBD Gummy	Cannabinoid Edible	GC5020251	56 g	% & mg/serving	4.8 Grams Per Serving	✓	
18	Sleep CBN Gummy	Cannabinoid Edible	GS2520251	56 g	% & mg/serving	4.8 Grams Per Serving	✓	
19	1-1 THCV Gummy	Cannabinoid Edible	GTV110251	56 g	% & mg/serving	4.8 Grams Per Serving		✓
20	Sleep 1-1 Gummy	Cannabinoid Edible	GRS1120251	56 g	% & mg/serving	4.8 Grams Per Serving	✓	

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#	Sample Name	Material	METRC ID	Amount Provided	Reporting Unit	Specifications		
21	Cup of Tea Gummy	Cannabinoid Edible	GT1020251	56 g	% & mg/serving	4.8 Grams Per Serving		✓
22	CBC Iso Gummy	Cannabinoid Edible	GI0C2025	56 g	% & mg/serving	4.8 Grams Per Serving		✓
23	CBG Iso Gummy	Cannabinoid Edible	GI0G2025	56 g	% & mg/serving	4.8 Grams Per Serving		✓
24	CBN Iso Gummy	Cannabinoid Edible	GI0N2025	56 g	% & mg/serving	4.8 Grams Per Serving		✓
25	1000mg CBD Oil	Cannabinoid Tincture	100020251	28 g	% & mg/serving	28 Grams per Serving	✓	
26	2000mg CBD Oil	Cannabinoid Tincture	CO2D20251	28 g	% & mg/serving	28 Grams per Serving	✓	
27	2000mg CBN Oil	Cannabinoid Tincture	CO2N20251	28 g	% & mg/serving	28 Grams per Serving	✓	
28	2000mg CBG Oil	Cannabinoid Tincture	CO2G20251	28 g	% & mg/serving	28 Grams per Serving	✓	
29	6-1 Oil	Cannabinoid Edible	5007520251	28 g	% & mg/serving	28 Grams per Serving	✓	
30	Freebird CBN Oil	Cannabinoid Tincture	50050020251	28 g	% & mg/serving	28 Grams per Serving	✓	

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

Laboratory Quality Control Results

AOAC 2015 V98-6 **Batch ID: 2501436**

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDA	1	0.0350	0.0357	%	98.1	90.0 - 110	Acceptable	
CBGA	1	0.0347	0.0356	%	97.7	80.0 - 120	Acceptable	
CBG	1	0.0340	0.0340	%	100	80.0 - 120	Acceptable	
CBD	1	0.0289	0.0296	%	97.8	90.0 - 110	Acceptable	
CBN	1	0.0344	0.0340	%	101	80.0 - 120	Acceptable	
d9THC	1	0.0321	0.0306	%	105	90.0 - 110	Acceptable	
d8THC	1	0.0335	0.0356	%	94.0	90.0 - 110	Acceptable	
9S-d10THC	1	0.0356	0.0359	%	99.3	80.0 - 120	Acceptable	
9R-d10THC	1	0.0305	0.0310	%	98.2	80.0 - 120	Acceptable	
THCA	1	0.0366	0.0379	%	96.5	90.0 - 110	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDA	<LOQ	0.00305	%	< 0.00305	Acceptable	
CBGA	<LOQ	0.00305	%	< 0.00305	Acceptable	
CBG	<LOQ	0.00305	%	< 0.00305	Acceptable	
CBD	<LOQ	0.00305	%	< 0.00305	Acceptable	
CBN	<LOQ	0.00305	%	< 0.00305	Acceptable	
d9THC	<LOQ	0.00305	%	< 0.00305	Acceptable	
d8THC	<LOQ	0.00305	%	< 0.00305	Acceptable	
9S-d10THC	<LOQ	0.00305	%	< 0.00305	Acceptable	
9R-d10THC	<LOQ	0.00305	%	< 0.00305	Acceptable	
THCA	<LOQ	0.00305	%	< 0.00305	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 2501436						
Sample Duplicate		Sample ID: 25-001984-0025						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
CBD	3.19	3.20	0.00318	%	0.311	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00318	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00318	%	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.