



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



Report Number: 24-013318/D001.R000
Report Date: 11/27/2024
ORELAP#: OR100028
Purchase Order:
Received: 11/25/24 11:45

Customer: Seventh Hill Releaf LLC
Product identity: Hot Chocolate Caramel
Client/Metric ID: .
Laboratory ID: 24-013318-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.0971		%		CBD-Total per Serving Size 16.5 mg/17g
CBN	0.0463		%		
Δ9-THC	0.0618		%		Delta-9-THC-Total per 10.5 mg/17g
Analyte per 17g	Result	Limits	Units	Status	(Reported in milligrams per serving)
CBD per 17g	16.5		mg/17g		
CBN per 17g	7.87		mg/17g		
Δ9-THC per 17g	10.5		mg/17g		



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

Product identity: Hot Chocolate Caramel

Client/Metric ID: .

Sample Date:

Laboratory ID: 24-013318-0001

Evidence of Cooling: No

Temp: 18.9 °C

Serving Size #1: 17 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2409176	Analyze: 11/27/24 5:49:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.00318	
CBC-A	< LOQ		%	0.00318	
CBC-Total	< LOQ		%	0.00597	
CBD [±]	0.0971		%	0.00318	
CBD-A [±]	< LOQ		%	0.00318	
CBD-Total [±]	0.0971		%	0.00597	
CBDV	< LOQ		%	0.00318	
CBDV-A	< LOQ		%	0.00318	
CBDV-Total	< LOQ		%	0.00593	
CBE	< LOQ		%	0.00318	
CBG	< LOQ		%	0.00318	
CBG-A	< LOQ		%	0.00318	
CBG-Total	< LOQ		%	0.00593	
CBL	< LOQ		%	0.00318	
CBL-A	< LOQ		%	0.00318	
CBL-Total	< LOQ		%	0.00597	
CBN	0.0463		%	0.00318	
CBT	< LOQ		%	0.00318	
Δ10-THC-9R	< LOQ		%	0.00318	
Δ10-THC-9S	< LOQ		%	0.00318	
Δ10-THC-Total	< LOQ		%	0.00636	
Δ8-THC [±]	< LOQ		%	0.00318	
Δ8-THCV	< LOQ		%	0.00318	
Δ9-THC [±]	0.0618		%	0.00318	
Δ9-THC-A [±]	< LOQ		%	0.00318	
Δ9-THC-Total [±]	0.0618		%	0.00597	
Δ9-THCP	< LOQ		%	0.00318	
Δ9-THCV	< LOQ		%	0.00318	
Δ9-THCV-A	< LOQ		%	0.00318	
Δ9-THCV-Total	< LOQ		%	0.00593	
exo-THC	< LOQ		%	0.00318	



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Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2409176	Analyze: 11/27/24 5:49:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
HHC (9R-Hexahydrocannabinol)	< LOQ		%	0.00318	
HHC (9S-Hexahydrocannabinol)	< LOQ		%	0.00318	
THC-O-Acetate, delta-8	< LOQ		%	0.00318	
THC-O-Acetate, delta-9	< LOQ		%	0.00318	
Total Cannabinoids	0.205		%		

Potency per 17g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2409176	Analyze: 11/27/24 5:49:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 17g	< LOQ		mg/17g	0.540	
CBC-A per 17g	< LOQ		mg/17g	0.540	
CBC-Total per 17g	< LOQ		mg/17g	1.01	
CBD per 17g	16.5		mg/17g	0.540	
CBD-A per 17g [⊥]	< LOQ		mg/17g	0.540	
CBD-Total per 17g [⊥]	16.5		mg/17g	1.01	
CBDV per 17g	< LOQ		mg/17g	0.540	
CBDV-A per 17g	< LOQ		mg/17g	0.540	
CBDV-Total per 17g	< LOQ		mg/17g	1.01	
CBE per 17g	< LOQ		mg/17g	0.540	
CBG per 17g	< LOQ		mg/17g	0.540	
CBG-A per 17g	< LOQ		mg/17g	0.540	
CBG-Total per 17g	< LOQ		mg/17g	1.01	
CBL per 17g	< LOQ		mg/17g	0.540	
CBL-A per 17g	< LOQ		mg/17g	0.540	
CBL-Total per 17g	< LOQ		mg/17g	1.01	
CBN per 17g	7.87		mg/17g	0.540	
CBT per 17g	< LOQ		mg/17g	0.540	
Δ10-THC-9R per 17g	< LOQ		mg/17g	0.540	
Δ10-THC-9S per 17g	< LOQ		mg/17g	0.540	
Δ10-THC-Total per 17g	< LOQ		mg/17g	1.08	
Δ8-THC per 17g [⊥]	< LOQ		mg/17g	0.540	
Δ8-THCV per 17g	< LOQ		mg/17g	0.540	
Δ9-THC per 17g [⊥]	10.5		mg/17g	0.540	
Δ9-THC-Total per 17g	10.5		mg/17g	1.01	
Δ9-THCP per 17g	< LOQ		mg/17g	0.540	
Δ9-THCV per 17g	< LOQ		mg/17g	0.540	
Δ9-THCV-A per 17g	< LOQ		mg/17g	0.540	
Δ9-THCV-Total per 17g	< LOQ		mg/17g	1.01	
exo-THC per 17g	< LOQ		mg/17g	0.540	
HHC (9R-Hexahydrocannabinol) per	< LOQ		mg/17g	0.540	
HHC (9S-Hexahydrocannabinol) per	< LOQ		mg/17g	0.540	
THC-A per 17g [⊥]	< LOQ		mg/17g	0.540	
THC-O-Acetate, delta-8 per 17g	< LOQ		mg/17g	0.540	
THC-O-Acetate, delta-9 per 17g	< LOQ		mg/17g	0.540	
Total Cannabinoids per 17g	34.9		mg/17g		



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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/17g = Milligram per 17g

% = Percentage of sample

% wt = µg/g divided by 10,000



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Hemp & Cannabis
 Chain of Custody

Seventh-Hill-CBD-
 1732386316

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>Spring eld, 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>2 Business Days Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Receipt Information Prelog Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>			Testing H0016 - Potency Cannabis (Basic+Expanded+ADCs) CH003 - Expanded Potency + Safety Package Edible	
#	Sample Name	Material	Amount Provided	METRCID	Reporting Unit	Additional Test Requests and Sample Comments		
1	Hot Chocolate Caramel	Cannabinoid Edible	40 g	N/A	% & mg/ serving	17grams per serving	✓	
2	1:1 Caramel	Cannabinoid Edible	40 g	CC124251	% & mg/ serving	17 grams per Serving		✓
3	30mg Caramel	Cannabinoid Edible	40 g	N/A	% & mg/ serving	17 grams per Serving		✓

Package Details

Expanded Potency + Safety Package | Edible: Cannabis Heavy Metals Pro le OR • E. coli/ Coliform Count (EC) Petri Im • Multi-Residue Pesticide Pro le (Cannabis) • Potency Cannabis (Basic+Expanded) • RAPID Yeast and Mold Count (RYM) Petri Im • Residual Solvents (Cannabis - Oregon) • Water Activity & Moisture (as Loss on Drying) | Food

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?

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.

Columbia Laboratories
 12423 NE Whitaker Way
 Portland, OR 97230

P: (503) 254-1794
info@columbialaboratories.com

Page 1 of 1
www.columbialaboratories.com



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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: 2409176**

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	2	0.0319	0.0319	%	99.9	80.0	- 120	Acceptable		
CBDV	2	0.0321	0.0322	%	99.6	80.0	- 120	Acceptable		
CBE	2	0.0347	0.0348	%	99.7	80.0	- 120	Acceptable		
CBDA	1	0.0353	0.0349	%	101	90.0	- 110	Acceptable		
CBGA	1	0.0348	0.0342	%	102	80.0	- 120	Acceptable		
CBG	1	0.0341	0.0335	%	102	80.0	- 120	Acceptable		
CBD	1	0.0327	0.0327	%	99.9	90.0	- 110	Acceptable		
THCV	2	0.0325	0.0326	%	99.8	80.0	- 120	Acceptable		
d8THCV	2	0.0341	0.0350	%	97.5	80.0	- 120	Acceptable		
THCVA	2	0.0313	0.0313	%	100.0	80.0	- 120	Acceptable		
CBN	1	0.0324	0.0323	%	100	80.0	- 120	Acceptable		
exo-THC	2	0.0316	0.0324	%	97.7	80.0	- 120	Acceptable		
d9THC	1	0.0342	0.0349	%	97.9	90.0	- 110	Acceptable		
d8THC	1	0.0320	0.0319	%	100	90.0	- 110	Acceptable		
9S-d10THC	1	0.0342	0.0350	%	97.6	80.0	- 120	Acceptable		
CBL	2	0.0332	0.0337	%	98.7	80.0	- 120	Acceptable		
9S-HHC	3	0.0321	0.0326	%	98.4	80.0	- 120	Acceptable		
9R-d10THC	1	0.0349	0.0360	%	96.9	80.0	- 120	Acceptable		
CBC	2	0.0300	0.0321	%	93.4	80.0	- 120	Acceptable		
9R-HHC	3	0.0306	0.0321	%	95.3	80.0	- 120	Acceptable		
THCA	1	0.0365	0.0352	%	104	90.0	- 110	Acceptable		
CBCA	2	0.0327	0.0333	%	98.0	80.0	- 120	Acceptable		
CBLA	2	0.0307	0.0327	%	93.9	80.0	- 120	Acceptable		
d9THCP	2	0.0303	0.0326	%	93.1	80.0	- 120	Acceptable		
d8THCO	3	0.0308	0.0316	%	97.4	80.0	- 120	Acceptable		
CBT	2	0.0294	0.0343	%	85.8	80.0	- 120	Acceptable		
d9THCO	3	0.0286	0.0297	%	96.2	80.0	- 120	Acceptable		

Method Blank							
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes	
CBDVA	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBDV	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBE	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBDA	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBGA	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBG	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBD	<LOQ	0.00307	%	< 0.00307	Acceptable		
THCV	<LOQ	0.00307	%	< 0.00307	Acceptable		
d8THCV	<LOQ	0.00307	%	< 0.00307	Acceptable		
THCVA	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBN	<LOQ	0.00307	%	< 0.00307	Acceptable		
exo-THC	<LOQ	0.00307	%	< 0.00307	Acceptable		
d9THC	<LOQ	0.00307	%	< 0.00307	Acceptable		
d8THC	<LOQ	0.00307	%	< 0.00307	Acceptable		
9S-d10THC	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBL	<LOQ	0.00307	%	< 0.00307	Acceptable		
9S-HHC	<LOQ	0.00307	%	< 0.00307	Acceptable		
9R-d10THC	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBC	<LOQ	0.00307	%	< 0.00307	Acceptable		
9R-HHC	<LOQ	0.00307	%	< 0.00307	Acceptable		
THCA	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBCA	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBLA	<LOQ	0.00307	%	< 0.00307	Acceptable		
d9THCP	<LOQ	0.00307	%	< 0.00307	Acceptable		
d8THCO	<LOQ	0.00307	%	< 0.00307	Acceptable		
CBT	<LOQ	0.00307	%	< 0.00307	Acceptable		
d9THCO	<LOQ	0.00307	%	< 0.00307	Acceptable		

Abbreviations

ND - None Detected at or above MRI



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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: 2409176						
Sample Duplicate		Sample ID: 24-013222-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBG	0.00795	0.00815	0.00315	%	2.48	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
THCV	0.00351	0.00350	0.00315	%	0.355	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBN	0.135	0.134	0.00315	%	0.841	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d9THC	0.256	0.254	0.00315	%	0.785	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBC	0.00410	0.00399	0.00315	%	2.72	< 20	Acceptable	
9R-HHC	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d8THCO	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00315	%	NA	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.00315	%	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.