



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



Report Number: 24-007537/D003.R001
Report Date: 07/23/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/11/24 11:33

This is an amended version of report# 24-007537/D003.R000.
Reason: updated client information

Customer: Seventh Hill Releaf LLC
Product identity: Freebird 1-1
Client/Metric ID: FB2020241
Laboratory ID: 24-007537-0003

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBG	0.00458		%		Delta-9-THC-Total per 21.9 mg/17g
CBN	0.121		%		
Δ9-THC	0.129		%		CBD-Total per Serving Size <LOQ
Analyte per 17g	Result	Limits	Units	Status	(Reported in milligrams per serving)
CBG per 17g	0.779		mg/17g		
CBN per 17g	20.6		mg/17g		
Δ9-THC per 17g	21.9		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: Freebird 1-1
Client/Metric ID: FB2020241
Sample Date:
Laboratory ID: 24-007537-0003
Evidence of Cooling: Yes
Temp: 22.4 °C
Serving Size #1: 17 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2405318	Analyze: 7/15/24 7:42:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.00309	
CBC-A	< LOQ		%	0.00309	
CBC-Total	< LOQ		%	0.00581	
CBD [±]	< LOQ		%	0.00309	
CBD-A [±]	< LOQ		%	0.00309	
CBD-Total [±]	< LOQ		%	0.00581	
CBDV	< LOQ		%	0.00309	
CBDV-A	< LOQ		%	0.00309	
CBDV-Total	< LOQ		%	0.00577	
CBE	< LOQ		%	0.00309	
CBG	0.00458		%	0.00309	
CBG-A	< LOQ		%	0.00309	
CBG-Total	< LOQ		%	0.00577	
CBL	< LOQ		%	0.00309	
CBL-A	< LOQ		%	0.00309	
CBL-Total	< LOQ		%	0.00581	
CBN	0.121		%	0.00309	
CBT	< LOQ		%	0.00309	
Δ10-THC-9R	< LOQ		%	0.00309	
Δ10-THC-9S	< LOQ		%	0.00309	
Δ10-THC-Total	< LOQ		%	0.00619	
Δ8-THC [±]	< LOQ		%	0.00309	
Δ8-THCV	< LOQ		%	0.00309	
Δ9-THC [±]	0.129		%	0.00309	
Δ9-THC-A [±]	< LOQ		%	0.00309	
Δ9-THC-Total [±]	0.129		%	0.00581	
Δ9-THCP	< LOQ		%	0.00309	
Δ9-THCV	< LOQ		%	0.00309	
Δ9-THCV-A	< LOQ		%	0.00309	
Δ9-THCV-Total	< LOQ		%	0.00577	
exo-THC	< LOQ		%	0.00309	



Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2405318	Analyze: 7/15/24 7:42:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids	0.255		%		

Potency per 17g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2405318	Analyze: 7/15/24 7:42:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 17g	< LOQ		mg/17g	0.526	
CBC-A per 17g	< LOQ		mg/17g	0.526	
CBC-Total per 17g	< LOQ		mg/17g	0.987	
CBD per 17g	< LOQ		mg/17g	0.526	
CBD-A per 17g [±]	< LOQ		mg/17g	0.526	
CBD-Total per 17g [±]	< LOQ		mg/17g	0.987	
CBDV per 17g	< LOQ		mg/17g	0.526	
CBDV-A per 17g	< LOQ		mg/17g	0.526	
CBDV-Total per 17g	< LOQ		mg/17g	0.982	
CBE per 17g	< LOQ		mg/17g	0.526	
CBG per 17g	0.779		mg/17g	0.526	
CBG-A per 17g	< LOQ		mg/17g	0.526	
CBG-Total per 17g	< LOQ		mg/17g	0.982	
CBL per 17g	< LOQ		mg/17g	0.526	
CBL-A per 17g	< LOQ		mg/17g	0.526	
CBL-Total per 17g	< LOQ		mg/17g	0.987	
CBN per 17g	20.6		mg/17g	0.526	
CBT per 17g	< LOQ		mg/17g	0.526	
Δ10-THC-9R per 17g	< LOQ		mg/17g	0.526	
Δ10-THC-9S per 17g	< LOQ		mg/17g	0.526	
Δ10-THC-Total per 17g	< LOQ		mg/17g	1.05	
Δ8-THC per 17g [±]	< LOQ		mg/17g	0.526	
Δ8-THCV per 17g	< LOQ		mg/17g	0.526	
Δ9-THC per 17g [±]	21.9		mg/17g	0.526	
Δ9-THC-Total per 17g	21.9		mg/17g	0.987	
Δ9-THCP per 17g	< LOQ		mg/17g	0.526	
Δ9-THCV per 17g	< LOQ		mg/17g	0.526	
Δ9-THCV-A per 17g	< LOQ		mg/17g	0.526	
Δ9-THCV-Total per 17g	< LOQ		mg/17g	0.987	
exo-THC per 17g	< LOQ		mg/17g	0.526	
THC-A per 17g [±]	< LOQ		mg/17g	0.526	
Total Cannabinoids per 17g	43.3		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 = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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**Hemp & Cannabis
 Chain of Custody**

**Seventh-Hill-CBD-
 1720647685**

							Testing		
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>15415912620</u> Billing Information Billing Phone: <u>15415912620</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> Compliance: <u>Research and Development (RND)</u> Receipt Information Prelog Storage: <u>R-01</u> Sample Condition: <u>Satisfactory</u>				H001B - Potency Cannabis (Basic+Expanded+ADCs)	H0014 - Potency Cannabis (Basic)	H0010 - Potency Cannabis (Basic+Expanded)
#	Sample Name	Material	METRC ID	Amount Provided	Reporting Unit	Specifications			
1	Blueberry Muffin 3-1 THCV	Cannabinoid Edible	BBM301024I	20 g	% & mg/serving	17g per Serving	✓		
2	Coffee 6-1	Cannabinoid Edible	CC300524I	20 g	% & mg/serving	17grams per Serving		✓	
3	Freebird 1-1	Cannabinoid Edible	FB202024I	20 g	% & mg/serving	17grams per Serving			✓
4	3-1 Fudge	Cannabinoid Edible	FDG301024I	15 g	% & mg/serving	12.5 Grams Per Serving			✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Jordan Taylor Dunn</i>	<i>07/10/2024</i>	<i>14:41</i>	<i>ont</i>	<i>07/11/2024</i>	<i>11:33</i>	<i>22.40</i>	<i>Yes</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.

Columbia Laboratories
 12423 NE Whitaker Way
 Portland, OR 97230

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

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www.columbialaboratories.com



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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: 2405318

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	2	0.0328	0.0317	%	103	80.0	- 120	Acceptable		
CBDV	2	0.0319	0.0320	%	99.4	80.0	- 120	Acceptable		
CBE	2	0.0324	0.0317	%	102	80.0	- 120	Acceptable		
CBDA	1	0.0304	0.0302	%	101	90.0	- 110	Acceptable		
CBGA	1	0.0309	0.0307	%	101	80.0	- 120	Acceptable		
CBG	1	0.0363	0.0363	%	100.0	80.0	- 120	Acceptable		
CBD	1	0.0345	0.0351	%	98.3	90.0	- 110	Acceptable		
THCV	2	0.0348	0.0338	%	103	80.0	- 120	Acceptable		
d8THCV	2	0.0345	0.0342	%	101	80.0	- 120	Acceptable		
THCVA	2	0.0320	0.0311	%	103	80.0	- 120	Acceptable		
CBN	1	0.0332	0.0333	%	99.6	80.0	- 120	Acceptable		
exo-THC	2	0.0278	0.0277	%	100	80.0	- 120	Acceptable		
d9THC	1	0.0343	0.0341	%	101	90.0	- 110	Acceptable		
d8THC	1	0.0294	0.0304	%	96.8	90.0	- 110	Acceptable		
9S-d10THC	1	0.0312	0.0319	%	97.7	80.0	- 120	Acceptable		
CBL	2	0.0310	0.0321	%	96.7	80.0	- 120	Acceptable		
9R-d10THC	1	0.0301	0.0313	%	96.2	80.0	- 120	Acceptable		
CBC	2	0.0323	0.0324	%	99.6	80.0	- 120	Acceptable		
THCA	1	0.0318	0.0308	%	103	90.0	- 110	Acceptable		
CBCA	2	0.0335	0.0327	%	102	80.0	- 120	Acceptable		
CBLA	2	0.0333	0.0328	%	102	80.0	- 120	Acceptable		
d9THCP	2	0.0315	0.0317	%	99.4	80.0	- 120	Acceptable		
CBT	2	0.0309	0.0323	%	95.7	80.0	- 120	Acceptable		

Method Blank							
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes	
CBDVA	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBDV	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBE	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBDA	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBGA	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBG	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBD	<LOQ	0.00329	%	< 0.00329	Acceptable		
THCV	<LOQ	0.00329	%	< 0.00329	Acceptable		
d8THCV	<LOQ	0.00329	%	< 0.00329	Acceptable		
THCVA	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBN	<LOQ	0.00329	%	< 0.00329	Acceptable		
exo-THC	<LOQ	0.00329	%	< 0.00329	Acceptable		
d9THC	<LOQ	0.00329	%	< 0.00329	Acceptable		
d8THC	<LOQ	0.00329	%	< 0.00329	Acceptable		
9S-d10THC	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBL	<LOQ	0.00329	%	< 0.00329	Acceptable		
9R-d10THC	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBC	<LOQ	0.00329	%	< 0.00329	Acceptable		
THCA	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBCA	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBLA	<LOQ	0.00329	%	< 0.00329	Acceptable		
d9THCP	<LOQ	0.00329	%	< 0.00329	Acceptable		
CBT	<LOQ	0.00329	%	< 0.00329	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: 2405318						
Sample Duplicate		Sample ID: 24-007537-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBG	0.00606	0.00589	0.00317	%	2.97	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
THCV	0.0591	0.0591	0.00317	%	0.0235	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
d9THC	0.177	0.177	0.00317	%	0.0964	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00317	%	NA	< 20	Acceptable	
CBT	<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.