



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



**Report Number:** 24-002422/D012.R000  
**Report Date:** 03/07/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/04/24 12:12

**Customer:** Seventh Hill Releaf LLC  
**Product identity:** Freebird Gummy  
**Client/Metric ID:** FBG20241  
**Laboratory ID:** 24-002422-0002

### Summary

**Potency:**

Analyte	Result	Limits	Units	Status	
CBD	0.404		%		CBD-Total per Serving Size 24.2 mg/6g
CBN	0.328		%		
Δ9-THC	0.0364		%		THC-Total per Serving Size 2.18 mg/6g
<b>Analyte per 6g</b>	<b>Result</b>	<b>Limits</b>	<b>Units</b>	<b>Status</b>	(Reported in milligrams per serving)
CBD per 6g	24.2		mg/6g		
CBN per 6g	19.7		mg/6g		
Δ9-THC per 6g	2.18		mg/6g		



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

**Product identity:** Freebird Gummy

**Client/Metric ID:** FBG20241

**Sample Date:**

**Laboratory ID:** 24-002422-0002

**Evidence of Cooling:** No

**Temp:** 14.9 °C

**Relinquished by:** shipping

**Serving Size #1:** 6 g

### Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod)	Units %	Batch: 2401804	Analyze: 3/6/24 4:49:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD <sup>±</sup>	0.404		%	0.00321	
CBD-A <sup>±</sup>	< LOQ		%	0.00321	
CBD-Total	0.404		%	0.00603	
CBG	< LOQ		%	0.00321	
CBG-A	< LOQ		%	0.00321	
CBG-Total	< LOQ		%	0.00600	
CBN	0.328		%	0.00321	
Δ10-THC-9R	< LOQ		%	0.00321	
Δ10-THC-9S	< LOQ		%	0.00321	
Δ10-THC-Total	< LOQ		%	0.00643	
Δ8-THC <sup>±</sup>	< LOQ		%	0.00321	
Δ9-THC <sup>±</sup>	0.0364		%	0.00321	
THC-A <sup>±</sup>	< LOQ		%	0.00321	
THC-Total	0.0364		%	0.00603	
<b>Total Cannabinoids</b>	<b>0.768</b>		%		

Potency per 6g	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2401804	Analyze: 3/6/24 4:49:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 6g	24.2		mg/6g	0.193	
CBD-A per 6g <sup>±</sup>	< LOQ		mg/6g	0.193	
CBD-Total per 6g <sup>±</sup>	24.2		mg/6g	0.362	
CBG per 6g	< LOQ		mg/6g	0.193	
CBG-A per 6g	< LOQ		mg/6g	0.193	
CBG-Total per 6g	< LOQ		mg/6g	0.360	
CBN per 6g	19.7		mg/6g	0.193	
Δ10-THC-9R per 6g	< LOQ		mg/6g	0.193	
Δ10-THC-9S per 6g	< LOQ		mg/6g	0.193	
Δ10-THC-Total per 6g	< LOQ		mg/6g	0.386	
Δ8-THC per 6g <sup>±</sup>	< LOQ		mg/6g	0.193	
Δ9-THC per 6g <sup>±</sup>	2.18		mg/6g	0.193	



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Potency per 6g		Method: J AOAC 2015 V98-6 (mod)		Units mg/se	Batch: 2401804	Analyze: 3/6/24 4:49:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
THC-A per 6g <sup>L</sup>	< LOQ		mg/6g	0.193		
THC-Total per 6g	2.18		mg/6g	0.362		
Total Cannabinoids per 6g	46.1		mg/6g			



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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

mg/6g = Milligram per 6g

% = Percentage of sample

% wt =  $\mu\text{g/g}$  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: 240180

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDA	1	0.0318	0.0319	%	99.7	90.0	- 110	Acceptable	
CBGA	1	0.0316	0.0316	%	99.9	80.0	- 120	Acceptable	
CBG	1	0.0362	0.0366	%	98.7	80.0	- 120	Acceptable	
CBD	1	0.0351	0.0355	%	98.9	90.0	- 110	Acceptable	
CBN	1	0.0333	0.0334	%	99.8	80.0	- 120	Acceptable	
d9THC	1	0.0361	0.0355	%	102	90.0	- 110	Acceptable	
d8THC	1	0.0330	0.0339	%	97.2	90.0	- 110	Acceptable	
9S-d10THC	1	0.0330	0.0333	%	99.0	80.0	- 120	Acceptable	
9R-d10THC	1	0.0320	0.0326	%	98.2	80.0	- 120	Acceptable	
THCA	1	0.0322	0.0320	%	101	90.0	- 110	Acceptable	

Method Blank							
Analyte	Result	LOQ	Units	Limits		Evaluation	Notes
CBDA	<LOQ	0.00328	%	< 0.00328		Acceptable	
CBGA	<LOQ	0.00328	%	< 0.00328		Acceptable	
CBG	<LOQ	0.00328	%	< 0.00328		Acceptable	
CBD	<LOQ	0.00328	%	< 0.00328		Acceptable	
CBN	<LOQ	0.00328	%	< 0.00328		Acceptable	
d9THC	<LOQ	0.00328	%	< 0.00328		Acceptable	
d8THC	<LOQ	0.00328	%	< 0.00328		Acceptable	
9S-d10THC	<LOQ	0.00328	%	< 0.00328		Acceptable	
9R-d10THC	<LOQ	0.00328	%	< 0.00328		Acceptable	
THCA	<LOQ	0.00328	%	< 0.00328		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: 240180						
Sample Duplicate		Sample ID: 24-002421-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
d8THC	1.39	1.38	0.00321	%	0.375	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00321	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00321	%	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.