Columbia LABORATORIES
A Tentamus Company

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

Report Number: 23-012170/D002.R003
Report Date: 03/15/2024
ORELAP#: OR100028
Purchase Order:
Received: 10/12/23 10:34

This is an amended version of report# 23-012170/D002.R002.
Reason: Updated customer information.

Customer: Secret Nature
Product identity: Live D9 gummy Sour Apple Smackers
Client/Metrc ID: 3008RC-092723
Laboratory ID: 23-012170-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status
CBD-A	0.0290		%	
CBG	0.0101		%	
Δ9-THC	0.259		%	

Analyte per 7g	Result	Limits	Units	Status
CBD-A per 7g	2.03		mg/7g	
CBG per 7g	0.707		mg/7g	
Δ9-THC per 7g	18.1		mg/7g	

THC-Total per Serving Size 18.1 mg/7g

CBD-Total per Serving Size 1.78 mg/7g

(Reported in milligrams per serving)

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.

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Testing in accordance with: OAR 333-007-0430

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Customer: Secret Nature

Product identity: Live D9 gummy Sour Apple Smackers
Client/Metrc ID: 3008RC-092723
Sample Date:
Laboratory ID: 23-012170-0001
Evidence of Cooling: No
Temp: 18.1 °C
Relinquished by: client
Serving Size #1: 7 g

Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2311861 **Analyze:** 10/13/23 8:39:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBD⊥	< LOQ		%	0.00315	
CBD-A⊥	0.0290		%	0.00315	
CBD-Total	0.0254		%	0.00591	
CBG	0.0101		%	0.00315	
CBG-A	< LOQ		%	0.00315	
CBG-Total	0.0101		%	0.00588	
CBN	< LOQ		%	0.00315	
Δ10-THC-9R	< LOQ		%	0.00315	
Δ10-THC-9S	< LOQ		%	0.00315	
Δ10-THC-Total	< LOQ		%	0.00630	
Δ8-THC⊥	< LOQ		%	0.00315	
Δ9-THC⊥	0.259		%	0.00315	
THC-A⊥	< LOQ		%	0.00315	
THC-Total	0.259		%	0.00591	
Total Cannabinoids	**0.298**		%		

Potency per 7g **Method:** J AOAC 2015 V98-6 (mod)ᵇ **Units** mg/se **Batch:** 2311861 **Analyze:** 10/13/23 8:39:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 7g	< LOQ		mg/7g	0.221	
CBD-A per 7g⊥	2.03		mg/7g	0.221	
CBD-Total per 7g⊥	1.78		mg/7g	0.414	
CBG per 7g	0.707		mg/7g	0.221	
CBG-A per 7g	< LOQ		mg/7g	0.221	
CBG-Total per 7g	0.707		mg/7g	0.412	
CBN per 7g	< LOQ		mg/7g	0.221	
Δ10-THC-9R per 7g	< LOQ		mg/7g	0.221	
Δ10-THC-9S per 7g	< LOQ		mg/7g	0.221	
Δ10-THC-Total per 7g	< LOQ		mg/7g	0.441	
Δ8-THC per 7g⊥	< LOQ		mg/7g	0.221	
Δ9-THC per 7g⊥	18.1		mg/7g	0.221	

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Potency per 7g **Method:** J AOAC 2015 V98-6 (mod) **Units** mg/se **Batch:** 2311861 **Analyze:** 10/13/23 8:39:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
THC-A per 7g⊥	< LOQ		mg/7g	0.221	
THC-Total per 7g	18.1		mg/7g	0.414	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2311804	10/15/23	AOAC 990.12 (Petrifilm)þ		
E.coli	< LOQ		cfu/g	10	2311802	10/15/23	AOAC 991.14 (Petrifilm)þ		
Total Coliforms	< LOQ		cfu/g	10	2311802	10/15/23	AOAC 991.14 (Petrifilm)þ		
Staphylococcus aureus	< LOQ		cfu/g	10	2311806	10/14/23	AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2311803	10/15/23	AOAC 2014.05 (RAPID)þ		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2311803	10/15/23	AOAC 2014.05 (RAPID)þ		
Listeria spp.	Negative		/g		2311810	10/14/23	AOAC 2019.10		
Salmonella spp. by PCR¥	Negative		/g		2311808	10/14/23	AOAC 2020.02þ		
EHEC including STEC¥	Negative		/g		2311809	10/14/23	AOAC RI 121806þ		

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Arsenic¥	< LOQ	0.200	mg/kg	0.0180	2311932	10/17/23	AOAC 2013.06 (mod.)þ	pass	
Cadmium¥	< LOQ	0.200	mg/kg	0.0180	2311932	10/17/23	AOAC 2013.06 (mod.)þ	pass	
Lead¥	< LOQ	0.500	mg/kg	0.0180	2311932	10/17/23	AOAC 2013.06 (mod.)þ	pass	
Mercury¥	< LOQ	0.100	mg/kg	0.00901	2311932	10/17/23	AOAC 2013.06 (mod.)þ	pass	

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
Aflatoxin B1¥	< LOQ		µg/kg	5.00	2311938	10/18/23	AOAC 2007.01 & EN 15662 (mod)þ		
Aflatoxin B2¥	< LOQ		µg/kg	5.00	2311938	10/18/23	AOAC 2007.01 & EN 15662 (mod)þ		
Aflatoxin G1¥	< LOQ		µg/kg	5.00	2311938	10/18/23	AOAC 2007.01 & EN 15662 (mod)þ		
Aflatoxin G2¥	< LOQ		µg/kg	5.00	2311938	10/18/23	AOAC 2007.01 & EN 15662 (mod)þ		
Ochratoxin A¥	< LOQ	20.0	µg/kg	5.00	2311938	10/18/23	AOAC 2007.01 & EN 15662 (mod)þ	pass	
Total Aflatoxins¥	0.000	20.0	µg/kg	20.0		10/19/23	AOAC 2007.01 & EN 15662 (mod)þ	pass	

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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.

ᵇ = ISO/IEC 17025:2017 accredited method.
¥ = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram
g = g
µg/kg = Micrograms per kilogram = parts per billion (ppb)
mg/kg = Milligram per kilogram = parts per million (ppm)
mg/7g = Milligram per 7g
/g = Per gram
% = Percentage of sample
% wt = µg/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

JAOAC2015 V986 — Batch ID: 2311861

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	%Rec	Limits	Evaluation	Notes
CBDVA	2	0.0325	0.0333	%	97.6	80.0 - 120	Acceptable	
CBDV	2	0.0318	0.0324	%	98.3	80.0 - 120	Acceptable	
CBE	2	0.0347	0.0355	%	97.8	80.0 - 120	Acceptable	
CBDA	1	0.0306	0.0322	%	95.0	90.0 - 110	Acceptable	
CBGA	1	0.0306	0.0329	%	92.9	80.0 - 120	Acceptable	
CBG	1	0.0349	0.0368	%	94.9	80.0 - 120	Acceptable	
CBD	1	0.0307	0.0313	%	98.0	90.0 - 110	Acceptable	
THCV	2	0.0302	0.0304	%	99.4	80.0 - 120	Acceptable	
d8THCV	2	0.0291	0.0305	%	95.5	80.0 - 120	Acceptable	
THCVA	2	0.0320	0.0327	%	97.9	80.0 - 120	Acceptable	
CBN	1	0.0305	0.0329	%	92.7	80.0 - 120	Acceptable	
exo-THC	2	0.0312	0.0327	%	95.6	80.0 - 120	Acceptable	
d9THC	1	0.0365	0.0365	%	100.0	90.0 - 110	Acceptable	
d8THC	1	0.0309	0.0340	%	90.8	90.0 - 110	Acceptable	
9S-d10THC	1	0.0322	0.0337	%	95.6	80.0 - 120	Acceptable	
CBL	2	0.0343	0.0337	%	102	80.0 - 120	Acceptable	
9R-d10THC	1	0.0304	0.0336	%	90.4	80.0 - 120	Acceptable	
CBC	2	0.0323	0.0338	%	95.3	80.0 - 120	Acceptable	
THCA	1	0.0315	0.0337	%	93.4	90.0 - 110	Acceptable	
CBCA	2	0.0325	0.0333	%	97.6	80.0 - 120	Acceptable	
CBLA	2	0.0334	0.0349	%	95.8	80.0 - 120	Acceptable	
d9THCP	2	0.0332	0.0333	%	99.7	80.0 - 120	Acceptable	
CBT	2	0.0305	0.0322	%	94.6	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00328	%	< 0.00328	Acceptable	
CBDV	<LOQ	0.00328	%	< 0.00328	Acceptable	
CBE	<LOQ	0.00328	%	< 0.00328	Acceptable	
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	
THCV	<LOQ	0.00328	%	< 0.00328	Acceptable	
d8THCV	<LOQ	0.00328	%	< 0.00328	Acceptable	
THCVA	<LOQ	0.00328	%	< 0.00328	Acceptable	
CBN	<LOQ	0.00328	%	< 0.00328	Acceptable	
exo-THC	<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	
CBL	<LOQ	0.00328	%	< 0.00328	Acceptable	
9R-d10THC	<LOQ	0.00328	%	< 0.00328	Acceptable	
CBC	<LOQ	0.00328	%	< 0.00328	Acceptable	
THCA	<LOQ	0.00328	%	< 0.00328	Acceptable	
CBCA	<LOQ	0.00328	%	< 0.00328	Acceptable	
CBLA	<LOQ	0.00328	%	< 0.00328	Acceptable	
d9THCP	<LOQ	0.00328	%	< 0.00328	Acceptable	
CBT	<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

JAOAC2015 V98 6 — Batch ID: 2311861
Sample Duplicate — Sample ID: 23-0044630003

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBG	0.0214	0.0211	0.00322	%	1.53	< 20	Acceptable	
CBD	0.706	0.696	0.00322	%	1.38	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBC	0.00625	0.00614	0.00322	%	1.83	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00322	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00322	%	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	Quantitaion 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.

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