



This is an amended version of report# 19-014625/D06.R00.
Reason: Results reported in mg/4g.

Customer: CBD Lion
Product identity: Strawberry Gummy
Client/Metric ID: .
Laboratory ID: 19-014625-0003

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBD per 4g	25.5		mg/4g		CBD-Total per 4g 25.5 mg/4g
					THC-Total per 4g < 0.250 mg/4g
(Reported in milligrams per serving)					



Customer: CBD Lion

Product identity: Strawberry Gummy
Client/Metric ID: .
Sample Date:
Laboratory ID: 19-014625-0003
Relinquished by: CBD Lion
Temp: 14 °C
Serving Size #1: 4 g
Weight Received: 85 g

Sample Results

Potency per 4g		Batch: 1911065					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
CBC-A per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
CBC-Total per 4g [†]	< LOQ		mg/4g	0.250	12/09/19	J AOAC 2015 V98-6	
CBD per 4g	25.5		mg/4g	0.133	12/20/19	J AOAC 2015 V98-6	
CBD-A per 4g	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
CBD-Total per 4g	25.5		mg/4g	0.250	12/20/19	J AOAC 2015 V98-6	
CBDV per 4g [†]	< LOQ		mg/4g	0.133	12/20/19	J AOAC 2015 V98-6	
CBDV-A per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
CBDV-Total per 4g [†]	< LOQ		mg/4g	0.249	12/20/19	J AOAC 2015 V98-6	
CBG per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
CBG-A per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
CBG-Total per 4g [†]	< LOQ		mg/4g	0.250	12/09/19	J AOAC 2015 V98-6	
CBL per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
CBN per 4g	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
Δ8-THC per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
Δ9-THC per 4g	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
THC-A per 4g	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
THC-Total per 4g	< LOQ		mg/4g	0.250	12/09/19	J AOAC 2015 V98-6	
THCV per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
THCV-A per 4g [†]	< LOQ		mg/4g	0.133	12/09/19	J AOAC 2015 V98-6	
THCV-Total per 4g [†]	< LOQ		mg/4g	0.249	12/09/19	J AOAC 2015 V98-6	



These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

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.

† = Analyte not NELAP accredited.

Units of Measure

g = Gram

mg/4g = Milligram per 4g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



19-014625

12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Company: <u>COD LION</u>		Analysis Requested										Purchase Order Number:					
Contact: <u>ANDREW STEPNIAK</u>		Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Project Number:			
Address: <u>750 TOWER RD</u>														Project Name:			
Email: <u>andy@codlion.com</u>														<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results: <input type="checkbox"/> Cash/Check/CC/Net 30			
Phone: <u>503-971-6802</u> Fax:														Other:			
Processor's License:														Matrix	Weight	Serving size for edibles	Comments/Metric ID
Field ID	Date/Time Collected																
<u>ORANGE GUMMY</u>				<u>X</u>									<u>gm</u>	<u>85g</u>	<u>25mg</u>		
<u>RASPBERRY Gummy</u>				<u>X</u>									<u>gm</u>	<u>85g</u>	<u>25mg</u>		
<u>STRAWBERRY Gummy</u>				<u>X</u>									<u>gm</u>	<u>85g</u>	<u>25mg</u>		

Collected By:	Relinquished By: <u>[Signature]</u>	Date	Time	Received by: <u>KMG</u>	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)		<u>11-27-19</u>	<u>11:58</u>		<u>12-3-19</u>	<u>10:47</u>	Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)							Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: <u>1A.0</u>
							Shipped Via: <u>UPS</u>
							Evidence of cooling: <u>X</u> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM
 Revision: 2.00 Control#: CF023 Effective 04/29/2019 Revised 04/29/2019
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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



**Columbia Food/Pixis Labs
Sample Receipt Form**

Revision: 1.00 Document Control: CF015
Revised: 04/25/2019 Effective: 05/11/2019

Job Number: 190114025 Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 12-3-19 Time: 10:47am

Received By (Initials): KJ

- 1) Were custody seals on outside of the package/cooler?
If YES, how many and where? _____ YES NO NA
Were signature and date correct? _____ YES NO NA
- 2) Were custody papers included in the package/cooler? YES NO NA
- 3) Were custody papers properly filled out (ink, sign, date)? YES NO NA
- 4) Did you sign custody papers in the appropriate place? YES NO NA
- 5) How was the package/cooler delivered?

[UPS] FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 1Z 092 E40 03 0375 3560

- 6) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam [Paper] Other: _____

- 7) Was sufficient ice used (if appropriate)?
What kind? YES NO NA

Blue Ice Ice Cooler Packs Dry Ice

- 8) Were all sample containers sealed in separate plastic bags? YES NO NA
- 9) Did all sample containers arrive in good condition? YES NO NA
- 10) Were all sample container labels complete? YES NO NA
- 11) Did all sample container labels and tags agree with the coc? YES NO NA
- 12) Were correct sample containers used for the tests indicated? YES NO NA
- 13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA
- 14) Was a sufficient amount of sample sent in each sample container? YES NO NA
- 15) Temperature of the samples upon receipt (See SOP for proper temps) 14.0 °C

16) Sample location prior to login: R25 R39 R44 F44 Ambient Shelf [Cannabis Table] Other: _____

Explain any discrepancies: _____

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Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 1911065

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBV-A	0.00899	0.01	%	89.9	85.0 - 115	Acceptable	
CBV	0.00913	0.01	%	91.3	85.0 - 115	Acceptable	
CB-A	0.00934	0.01	%	93.4	85.0 - 115	Acceptable	
CBG-A	0.00903	0.01	%	90.3	85.0 - 115	Acceptable	
CBG	0.00917	0.01	%	91.7	85.0 - 115	Acceptable	
CB	0.00934	0.01	%	93.4	85.0 - 115	Acceptable	
THCV	0.00933	0.01	%	93.3	85.0 - 115	Acceptable	
THCVA	0.00885	0.01	%	88.5	85.0 - 115	Acceptable	
CBN	0.00923	0.01	%	92.3	85.0 - 115	Acceptable	
THC	0.00920	0.01	%	92.0	85.0 - 115	Acceptable	
D8THC	0.00858	0.01	%	85.8	85.0 - 115	Acceptable	
CBL	0.00972	0.01	%	97.2	85.0 - 115	Acceptable	
CB	0.00925	0.01	%	92.5	85.0 - 115	Acceptable	
THCA	0.00882	0.01	%	88.2	85.0 - 115	Acceptable	
CBGA	0.00874	0.01	%	87.4	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBV-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBV	<LOQ	0.003	%	< 0.003	Acceptable	
CB-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CB	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
THC	<LOQ	0.003	%	< 0.003	Acceptable	
D8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
CB	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	

Abbreviations

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

Units of Measure

% - Percent



Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 1911065						
Sample Duplicate		Sample ID: 19-014470-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBV	0.00298	0.00303	0.003	%	1.76	< 20	Acceptable	
CB-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00204	0.00212	0.003	%	3.80	< 20	Acceptable	
CB	0.618	0.627	0.003	%	1.44	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	0.00441	0.00449	0.003	%	1.63	< 20	Acceptable	
THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CB	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.00847	0.00863	0.003	%	1.92	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

Units of Measure

- % - Percent



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.