



This is an amended version of report# 19-014625/D05.R00.
Reason: Results reported in mg/4g.

Customer: CBD Lion
Product identity: Raspberry Gummy
Client/Metric ID: .
Laboratory ID: 19-014625-0002

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBD per 4g	25.3		mg/4g		CBD-Total per 4g 25.3 mg/4g
					THC-Total per 4g < 0.250 mg/4g
					(Reported in milligrams per serving)



Customer: CBD Lion

Product identity: Raspberry Gummy
Client/Metric ID: .
Sample Date:
Laboratory ID: 19-014625-0002
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	25.3		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	25.3		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 = µg/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>COOLION</u>		Analysis Requested										Purchase Order Number:					
Contact: <u>ANDREW STEPNIAK</u>		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> 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: </div> <div style="width: 50%;"> Matrix Weight Serving size for edibles Comments/Metric ID </div> </div>										Project Number:					
Address: <u>750 TOWER RD</u>												Project Name:					
Email: <u>andy@coolion.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:																	
Field ID	Date/Time Collected	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	Matrix	Weight	Serving size for edibles	Comments/Metric ID
<u>ORANGE Gummy</u>				<u>+</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>1047</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>14.0</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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Columbia Food/Pixis Labs
Sample Receipt Form

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

Job Number: 19014625 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 692 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

J AOAC 2015 V98-6 **Batch ID: 1911065**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.00899	0.01	%	89.9	85.0 - 115	Acceptable	
CBDV	0.00913	0.01	%	91.3	85.0 - 115	Acceptable	
CBD-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	
CBD	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	
CBC	0.00925	0.01	%	92.5	85.0 - 115	Acceptable	
THCA	0.00882	0.01	%	88.2	85.0 - 115	Acceptable	
CBCA	0.00874	0.01	%	87.4	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBD-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG-A	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<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	
CBC	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBCA	<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

J AOAC 2015 V98-6					Batch ID: 1911065			
Sample Duplicate					Sample ID: 19-014470-0001			
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.00298	0.00303	0.003	%	1.76	< 20	Acceptable	
CBD-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	
CBD	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	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.00847	0.00863	0.003	%	1.92	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<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.