



# Analytical Test Report

Science First. ORELAP ID: 4096 OLCC#: 010-1002112892C

7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

## 50mg CBD Vegan gummies

Lab ID: 2209255-01 & 2209255-02

330-1045887IHH

Harvest / Process Lot: 50mg.vegan 1500.30,550 bottles

METRC Batch ID:

METRC Sample Tag: 50mg.vegan 1500.30,550 bottles

Date Sampled: 09/30/22

Date Printed: 10/19/22

This is an official amended report.

Original report printed 10/05/2022 - Report amended upon client's request to display results in adjusted units (mg/gummy instead of mg/g).

## Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -  
SOP 102 - Cannabinoids via High Performance Liquid Chromatography

Cannabinoids	mg/4.3g gummy	LOQ
THCA	<LOQ	0.0854
delta 9-THC	<LOQ	0.0854
delta 8-THC	<LOQ	0.0854
CBDA	0.119	0.0854
CBDVA	<LOQ	0.0854
CBGA	<LOQ	0.0854
CBD	57.6	0.0854
CBDV	0.294	0.0854
CBG	<LOQ	0.0854
CBN	<LOQ	0.0854
CBC	<LOQ	0.0854
Total CBG	<LOQ	0.0854
Total Cannabinoids	58.0	0.0854

**Total THC**  
**<LOQ** mg/4.3gummy  
THC RPD

**Total CBD**  
**57.6** mg/4.3g gummy  
CBD RPD: 3.30%

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO<sub>2</sub>. Result = \*bioactive\*

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = [(THCA×0.877) + Δ9THC] / (100%-MC)

Chris Griffey  
Lab Director

Sample tested in compliance with OAR 333-007 (TNI standards). Test results meet all requirements of NELAP and the Rose City Laboratories quality assurance plan unless otherwise noted. Samplings performed by RCL personnel follow sampling SOP 30. Samples not collected by RCL personnel are analyzed in "as received" condition. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs.



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## Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -  
SOP 102 - Cannabinoids via High Performance Liquid Chromatography

Cannabinoids	mg/4.3g gummy	LOQ	Notes
THCA	< LOQ	0.0853	
delta 9-THC	< LOQ	0.0853	
delta 8-THC	< LOQ	0.0853	
CBDA	0.122	0.0853	
CBDVA	< LOQ	0.0853	
CBGA	< LOQ	0.0853	
CBD	58.5	0.0853	
CBDV	0.299	0.0853	
CBG	< LOQ	0.0853	
CBN	< LOQ	0.0853	
CBC	< LOQ	0.0853	
Total CBG	< LOQ	0.0853	
Total Cannabinoids	58.9	0.0853	

**Total THC**  
**< LOQ** mg/4.3g gummy

**Total CBD**  
**58.6** mg/4.3g gummy

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO<sub>2</sub>. Result = \*bioactive\*

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = [(THCA×0.877) + Δ9THC] / (100%-MC)

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Lab Director

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## 50mg CBD Vegan gummies

330-1045887IHH

Laboratory ID: 2209255-01

### Quality Control Potency

Batch: B22J003 - Potency Sugar

#### Blank(B22J003-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
delta 9-THC	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
CBGA	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
CBDA	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
CBD	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
CBN	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
CBG	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
delta 8-THC	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
CBC	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
Total CBG	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
CBDVA	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	
CBDV	< LOQ	0.0860	µ/4.3g gumr		10/02/22 19:47	10/03/22 02:52	

#### LCS(B22J003-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	90.4	0.0882	µ/4.3g gumr	90-110	10/02/22 19:47	10/03/22 03:08	
delta 9-THC	93.1	0.0882	µ/4.3g gumr	90-110	10/02/22 19:47	10/03/22 03:08	
CBDA	92.3	0.0882	µ/4.3g gumr	90-110	10/02/22 19:47	10/03/22 03:08	
CBD	92.2	0.0882	µ/4.3g gumr	90-110	10/02/22 19:47	10/03/22 03:08	
delta 8-THC	90.6	0.0882	µ/4.3g gumr	90-110	10/02/22 19:47	10/03/22 03:08	

Chris Griffey  
Lab Director



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## 50mg CBD Vegan gummies

330-1045887IHH

Laboratory ID: 2209255-01

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### Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
  - B2 Analyte detected in sample and associated method blank.
  - C Interference due to co-elution.
  - D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
  - H Non-homogenous sample matrix affecting RPD and/or QC.
  - I Manual Integration was performed.
  - L Duplicate sample relative percent difference (RPD) exceeds QC limits.
  - M Anomalous results due to matrix interference
  - P Peaks manually split.
  - Q1 QC out of limits but still OK
  - Q2 Quality Control outside QC limits. Data considered estimate.
  - Q3 CCV was above the acceptance criteria. Non-detect samples are considered acceptable.
  - Q4 CCV was below the acceptance criteria, however the sample still exceeds the regulatory limit.
  - R Marginal Exceedence.
  - U Reported result is an estimate. The analyte was detected above the calibration range.
  - X Problems with initial analysis, reported data are from reinjection of prepared sample.
- <LOQ - Results below the Limit of Quantitation - Compound not detected

Chris Griffey  
Lab Director

A handwritten signature in black ink that reads "Chris Griffey".