



# Analytical Test Report

Science First. OLCC#: 010-1002112892C ODA: AG-L1040657A  
ORELAP ID: 4096  
7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

## Non-OLCC CBD Lip Balm

Lab ID: 2312149-01 & 2312149-02

High Desert Pure

330-1045887IHH

METRC Batch ID:

METRC Sample Tag: Non-OLCC CBD Lip Balm

Date Sampled: 12/27/23

Date Printed: 01/4/24

## Potency Analysis

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

Cannabinoids	mg/g	LOQ
THCA	<LOQ	0.0498
delta 9-THC	<LOQ	0.0498
delta 8-THC	<LOQ	0.0498
CBDA	0.0776	0.0746
CBDVA	0.148	0.0498
CBGA	<LOQ	0.0498
CBD	9.92	0.0498
CBDV	0.0678	0.0498
CBG	0.0964	0.0498
CBN	0.311	0.0498
CBC	0.157	0.0498
Total CBG	0.0964	0.0498
Total Cannabinoids	10.8	0.0498

**Total THC**

**<LOQ** mg/g

THC RPD:

**Total CBD**

**9.99** mg/g

CBD RPD: 0.200%

<LOQ - Results below the Limit of Quantitation

ORELAP accredited cannabinoid analytes include only CBDA, CBD, THCA, delta-9-THC, and delta-8-THC.

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(s) included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs. Unless otherwise indicated, all analytes included on this report are accredited by ORELAP.

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**High Desert Pure**  
 330-1045887IHH

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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/g	LOQ	Notes
THCA	< LOQ	0.0496	
delta 9-THC	< LOQ	0.0496	
delta 8-THC	< LOQ	0.0496	
CBDA	0.0780	0.0744	
CBDVA	0.150	0.0496	
CBGA	< LOQ	0.0496	
CBD	9.92	0.0496	
CBDV	0.0676	0.0496	
CBG	0.0963	0.0496	
CBN	0.311	0.0496	
CBC	0.156	0.0496	
Total CBG	0.0963	0.0496	
Total Cannabinoids	10.7	0.0496	

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

**Total CBD**  
**9.98** mg/g

&lt;LOQ - Results below the Limit of Quantitation

ORELAP accredited cannabinoid analytes include only CBDA, CBD, THCA, delta-9-THC, and delta-8-THC.

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  
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## Non-OLCC CBD Lip Balm

**High Desert Pure**

330-1045887IHH

Laboratory ID: 2312149-01

## Quality Control Potency

**Batch: B23L246 - Potency**
**Blank(B23L246-BLK1)**

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
delta 9-THC	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
CBGA	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
CBDA	< LOQ	0.0750	mg/g		12/28/23 07:37	12/28/23 13:29	
CBD	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
CBN	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
CBG	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
delta 8-THC	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
CBC	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
Total CBG	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
CBDVA	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	
CBDV	< LOQ	0.0500	mg/g		12/28/23 07:37	12/28/23 13:29	

**LCS(B23L246-BS1)**

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	93.8	0.0512	mg/g	90-110	12/28/23 07:37	12/28/23 13:44	
delta 9-THC	90.5	0.0512	mg/g	90-110	12/28/23 07:37	12/28/23 13:44	
CBDA	92.7	0.0769	mg/g	90-110	12/28/23 07:37	12/28/23 13:44	
CBD	94.1	0.0512	mg/g	90-110	12/28/23 07:37	12/28/23 13:44	
delta 8-THC	91.3	0.0512	mg/g	90-110	12/28/23 07:37	12/28/23 13:44	

 Chris Griffey  
 Lab Director



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## Non-OLCC CBD Lip Balm

*High Desert Pure*

330-1045887IHH

Laboratory ID: 2312149-01

### 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

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Lab Director

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