

## CBD + CBG Calming Cream

Lab ID: 2403140-01 & 2403140-02

High Desert Pure

330-1045887IHH

METRC Batch ID:

METRC Sample Tag: 162

Date Sampled: 03/19/24

Date Printed: 03/26/24

## Potency Analysis

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

Averaged Cannabinoids	mg/g	LOQ	RPD (%)
THCA	<LOQ	0.0495	NA
delta 9-THC	0.133	0.0495	6.02
delta 8-THC	<LOQ	0.0495	NA
CBDA	0.168	0.0742	0.593
CBDVA	<LOQ	0.0495	NA
CBGA	<LOQ	0.0495	NA
CBD	22.2	0.0495	0.451
CBDV	0.248	0.0495	1.61
CBG	5.74	0.0495	0.870
CBN	0.0910	0.0495	1.10
CBC	<LOQ	0.0495	NA
Total CBG	5.74	0.0495	0.870
Total Cannabinoids	28.5	0.0495	0.702

**Total THC**

**0.133** mg/g

THC RPD: 6.02%

**Total CBD**

**22.3** mg/g

CBD RPD: 0.897%

Results that fail state testing requirements will be highlighted **Red**.

<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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### 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	0.0499	
delta 9-THC	0.129	0.0499	I
delta 8-THC	< LOQ	0.0499	
CBDA	0.169	0.0749	
CBDVA	< LOQ	0.0499	
CBGA	< LOQ	0.0499	
CBD	22.2	0.0499	
CBDV	0.250	0.0499	
CBG	5.77	0.0499	
CBN	0.0905	0.0499	
CBC	< LOQ	0.0499	
Total CBG	5.77	0.0499	
Total Cannabinoids	28.6	0.0499	

**Total THC**  
**0.129** mg/g

**Total CBD**  
**22.4** mg/g

Results that fail state testing requirements will be highlighted **Red**.

<LOQ - Results below the Limit of Quantitation

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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



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*High Desert Pure*

330-1045887IHH

Laboratory ID: 2403140-01

## Quality Control Potency

### Batch: B24C151 - Potency

#### Blank(B24C151-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
delta 9-THC	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
CBGA	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
CBDA	< LOQ	0.0750	mg/g		03/19/24 14:34	03/20/24 04:31	
CBD	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
CBN	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
CBG	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
delta 8-THC	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
CBC	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
Total CBG	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
CBDVA	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	
CBDV	< LOQ	0.0500	mg/g		03/19/24 14:34	03/20/24 04:31	

#### LCS(B24C151-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.6	0.0512	mg/g	90-110	03/19/24 14:34	03/20/24 04:47	
delta 9-THC	106	0.0512	mg/g	90-110	03/19/24 14:34	03/20/24 04:47	
CBDA	101	0.0769	mg/g	90-110	03/19/24 14:34	03/20/24 04:47	
CBD	105	0.0512	mg/g	90-110	03/19/24 14:34	03/20/24 04:47	
delta 8-THC	103	0.0512	mg/g	90-110	03/19/24 14:34	03/20/24 04:47	

Chris Griffey  
Lab Director



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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

