

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 Menthol Cooling Cream

Lab ID: 2312067-01 & 2312067-02

High Desert Pure

330-1045887IHH

METRC Batch ID:

METRC Sample Tag: CBD Menthol Cooling Cream

Date Sampled: 12/12/23

Date Printed: 12/19/23

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 | 0.108 |
| delta 9-THC | 0.367 | 0.108 |
| delta 8-THC | <LOQ | 0.108 |
| CBDA | 0.304 | 0.164 |
| CBDVA | <LOQ | 0.108 |
| CBGA | <LOQ | 0.108 |
| CBD | 55.0 | 0.108 |
| CBDV | 0.203 | 0.108 |
| CBG | 0.694 | 0.108 |
| CBN | <LOQ | 0.108 |
| CBC | <LOQ | 0.108 |
| Total CBG | 0.694 | 0.108 |
| Total Cannabinoids | 56.5 | 0.108 |

Total THC
0.367 mg/g

THC RPD: 2.18%

Total CBD
55.2 mg/g

CBD RPD: 1.27%

<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 CO2. 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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| Cannabinoids | mg/g | LOQ | Notes |
|--------------------|-------|-------|-------|
| THCA | < LOQ | 0.108 | |
| delta 9-THC | 0.371 | 0.108 | |
| delta 8-THC | < LOQ | 0.108 | |
| CBDA | 0.305 | 0.163 | |
| CBDVA | < LOQ | 0.108 | |
| CBGA | < LOQ | 0.108 | |
| CBD | 55.3 | 0.108 | |
| CBDV | 0.207 | 0.108 | |
| CBG | 0.696 | 0.108 | |
| CBN | < LOQ | 0.108 | |
| CBC | < LOQ | 0.108 | |
| Total CBG | 0.696 | 0.108 | |
| Total Cannabinoids | 56.8 | 0.108 | |

Total THC
0.371 mg/g

Total CBD
55.6 mg/g

<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 CO₂. Result = "bioactive""Total" Cannabinoid accounts for decarboxylation and moisture content. **Total THC = [(THCA*0.877) + Δ9THC] / (100%-MC)**

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Non OLCC CBD Menthol Cooling Cream

High Desert Pure

330-1045887IHH

Laboratory ID: 2312067-01

Quality Control Potency

Batch: B23L162 - Potency**Blank(B23L162-BLK1)**

| Analyte | Result | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
|-------------|--------|--------|-------|------------------|----------------|----------------|-------|
| THCA | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| delta 9-THC | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| CBGA | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| CBDA | < LOQ | 0.0825 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| CBD | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| CBN | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| CBG | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| delta 8-THC | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| CBC | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| Total CBG | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| CBDVA | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |
| CBDV | < LOQ | 0.0550 | mg/g | | 12/18/23 08:55 | 12/18/23 15:08 | |

LCS(B23L162-BS1)

| Analyte | % Recovery | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
|-------------|------------|--------|-------|------------------|----------------|----------------|-------|
| THCA | 101 | 0.0562 | mg/g | 90-110 | 12/18/23 08:55 | 12/18/23 15:24 | |
| delta 9-THC | 107 | 0.0562 | mg/g | 90-110 | 12/18/23 08:55 | 12/18/23 15:24 | |
| CBDA | 103 | 0.0844 | mg/g | 90-110 | 12/18/23 08:55 | 12/18/23 15:24 | |
| CBD | 107 | 0.0562 | mg/g | 90-110 | 12/18/23 08:55 | 12/18/23 15:24 | |
| delta 8-THC | 104 | 0.0562 | mg/g | 90-110 | 12/18/23 08:55 | 12/18/23 15:24 | |

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

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