SC Labs®

# Hemp Testing
# CERTIFICATE OF ANALYSIS

**DATE ISSUED 10/29/2026**

## SAMPLE DETAILS

### SAMPLE NAME: 2oz 150mmg Soothe Cream

Infused, Topical

### CULTIVATOR / MANUFACTURER

**Business Name:**
**License Number:**
**Address:**

### DISTRIBUTOR / TESTED FOR

**Business Name:** North Star Hemp
**License Number:**
**Address:**

### SAMPLE DETAIL

**Batch Number:** Soothe-20261019-2oz
**Sample ID:** 261021M028

**Date Collected:** 10/21/2026
**Date Received:** 10/21/2026
**Batch Size:**
**Sample Size:** 1.0 unit
**Unit Mass:**
**Serving Size:** 59 grams per Serving




Scan QR code to verify authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

**Total THC: 0.626 mg/g**

**Total CBD: 18.951 mg/g**

**Sum of Cannabinoids: 20.724 mg/g**

**Total Cannabinoids: 20.724 mg/g**

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = $\Delta^9$-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = $\Delta^9$-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + $\Delta^8$-THC + CBL + CBN
Total Cannabinoids = ($\Delta^9$-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + $\Delta^8$-THC + CBL + CBN

These results relate only to the sample included on this report.
This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb

Amendment to Certificate of Analysis 261021M028-001


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## Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

### TOTAL THC: 0.626 mg/g
Total THC ($\Delta^9$-THC+0.877*THCa)

### TOTAL CBD: 18.951 mg/g
Total CBD (CBD+0.877*CBDa)

### TOTAL CANNABINOIDS: 20.724 mg/g
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta^8$-THC + CBL + CBN

### TOTAL CBG: 0.258 mg/g
Total CBG (CBG+0.877*CBGa)

### TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

### TOTAL CBC: 0.773 mg/g
Total CBC (CBC+0.877*CBCa)

### TOTAL CBDV: 0.052 mg/g
Total CBDV (CBDV+0.877*CBDVa)

**CANNABINOID TEST RESULTS -** 10/23/2026

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---|---|---|---|---|
| CBD | *0.004 / 0.011* | *±0.7069* | 18.951 | 1.8951 |
| CBC | *0.003 / 0.010* | *±0.0249* | 0.773 | 0.0773 |
| $\Delta^9$-THC | *0.002 / 0.014* | *±0.0344* | 0.626 | 0.0626 |
| CBG | *0.002 / 0.006* | *±0.0125* | 0.258 | 0.0258 |
| CBDV | *0.002 / 0.012* | *±0.0021* | 0.052 | 0.0052 |
| CBN | *0.001 / 0.007* | *±0.0010* | 0.036 | 0.0036 |
| CBL | *0.003 / 0.010* | *±0.0010* | 0.028 | 0.0028 |
| $\Delta^8$-THC | *0.01 / 0.02* | *N/A* | ND | ND |
| THCa | *0.001 / 0.005* | *N/A* | ND | ND |
| THCV | *0.002 / 0.012* | *N/A* | ND | ND |
| THCVa | *0.002 / 0.019* | *N/A* | ND | ND |
| CBDa | *0.001 / 0.026* | *N/A* | ND | ND |
| CBDVa | *0.001 / 0.018* | *N/A* | ND | ND |
| CBGa | *0.002 / 0.007* | *N/A* | ND | ND |
| CBCa | *0.001 / 0.015* | *N/A* | ND | ND |
| **SUM OF CANNABINOIDS** | | | 20.724 mg/g | 2.0724% |

**Serving Size: 59 grams per Serving**

| | |
|---|---|
| $\Delta^9$-THC per Serving | 36.934 mg/serving |
| Total THC per Serving | 36.934 mg/serving |
| CBD per Serving | 1118.109 mg/serving |
| Total CBD per Serving | 1118.109 mg/serving |
| Sum of Cannabinoids per Serving | 1222.716 mg/serving |
| Total Cannabinoids per Serving | 1222.716 mg/serving |

**NOTES**
Reason for Amendment: Order Detail Information Change Sample serving mass provided by client.


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