SC Labs®

Hemp Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 10/29/2026

SAMPLE DETAILS

SAMPLE NAME: 16oz Full Spectrum Muscle Gel

Infused, Topical

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: North Star Hemp
License Number:
Address:



SAMPLE DETAIL

Batch Number: MGFS-20261019-16oz
Sample ID: 261021N013

Date Collected: 10/21/2026
Date Received: 10/21/2026
Batch Size:
Sample Size: 1.0 unit
Unit Mass: 454 grams per Unit
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 370.464 mg/unit

Total CBD: 12435.514 mg/unit

Sum of Cannabinoids: 13590.490 mg/unit

Total Cannabinoids: 13590.490 mg/unit

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 = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^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) + Δ^8-THC + CBL + CBN

SAFETY ANALYSIS - SUMMARY

Δ^9-THC per Unit: PASS

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 261021N013-001

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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: 370.464 mg/unit
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 12435.514 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 13590.490 mg/uni
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 242.890 mg/unit
Total CBG (CBG+0.877*CBGa)

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

TOTAL CBC: 481.694 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 30.418 mg/unit
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*	*±1.0217*	27.391	2.7391
CBC	*0.003 / 0.010*	*±0.0342*	1.061	0.1061
Δ^9-THC	*0.002 / 0.014*	*±0.0448*	0.816	0.0816
CBG	*0.002 / 0.006*	*±0.0259*	0.535	0.0535
CBDV	*0.002 / 0.012*	*±0.0027*	0.067	0.0067
CBN	*0.001 / 0.007*	*±0.0010*	0.036	0.0036
CBL	*0.003 / 0.010*	*±0.0011*	0.029	0.0029
Δ^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			29.935 mg/g	2.9935%

Unit Mass: 454 grams per Unit

Δ^9-THC per Unit	*1100 per-package limit*	370.464 mg/unit	PASS
Total THC per Unit		370.464 mg/unit	
CBD per Unit		12435.514 mg/unit	
Total CBD per Unit		12435.514 mg/unit	
Sum of Cannabinoids per Unit		13590.490 mg/unit	
Total Cannabinoids per Unit		13590.490 mg/unit	

NOTES
Reason for Amendment: Order Detail Information Change

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