

Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 02/27/2022

SAMPLE NAME: GNM Cooling Cream

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: GNM022122-1 **Sample ID:** 220224P009

DISTRIBUTOR / TESTED FOR

Business Name: GN Trading LLC.

License Number:

Address:

Los Angeles California 90068

Date Collected: 02/24/2022 **Date Received:** 02/24/2022

Batch Size:

Sample Size: 1.0 units

Unit Mass: Serving Size:





CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 11.189 mg/g

Sum of Cannabinoids: 11.206 mg/g

Total Cannabinoids: 11.206 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 = 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 = $(\Delta^9$ -THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +

(CBDV+0.877*CBDVa) + Δ ⁸-THC + CBL + CBN

SAFETY ANALYSIS - SUMMARY

Microbiology (PCR): **⊘PASS**

Microbiology (Plating):

PASS

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. 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: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

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.

 $\textbf{References:} \ limit \ of \ detection \ (LOD), \ limit \ of \ quantification \ (LOQ), \ not \ detected \ (ND), \ not \ tested \ (NT), too \ numerous \ to \ count > 250 \ cfu/plate \ (TNTC), \ colony-forming \ unit \ (cfu)$

LOC verified by: Randi Vuong Date: 02/27/2022

Approved by: Josh Wurzer, President



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

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

TOTAL THC: Not Detected Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 11.189 mg/g
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 11.206 mg/g

 $\begin{array}{l} Total\ Cannabinoids\ (Total\ THC)+(Total\ CBD)+(Total\ CBG)+(Total\ THCV)+(Total\ CBC)+(Total\ CBDV)+\Delta^8-THC+CBL+CBN \end{array}$

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.017 mg/g
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/26/2022

	COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Ī	CBD	0.004 / 0.011	±0.4173	11.189	1.1189
Ī	CBDV	0.002 / 0.012	±0.0007	0.017	0.0017
Ī	∆ ⁹ -THC	0.002/0.014	N/A	ND	ND
	THCa	0.001 / 0.005	N/A	ND	ND
	∆ ⁸ -THC	0.01 / 0.02	N/A	ND	ND
	THCV	0.002 / 0.012	N/A	ND	ND
Ī	THCVa	0.002/0.019	N/A	ND	ND
Ī	CBDa	0.001 / 0.026	N/A	ND	ND
Ī	CBDVa	0.001 / 0.018	N/A	ND	ND
Ī	CBG	0.002 / 0.006	N/A	ND	ND
	CBGa	0.002 / 0.007	N/A	ND	ND
	CBL	0.003 / 0.010	N/A	ND	ND
Ī	CBN	0.001 / 0.007	N/A	ND	ND
Ī	СВС	0.003 / 0.010	N/A	ND	ND
Ī	CBCa	0.001 / 0.015	N/A	ND	ND
	SUM OF CANNA	BINOIDS	11.206 mg/g	1.1206%	



Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 02/27/2022 PASS

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS
Salmonella spp.	Not Detected in 1g	ND	PASS
Bile-Tolerant Gram-Negative Bacteria	100	ND	PASS
Staphylococcus aureus	Not Detected in 1g	ND	PASS



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Microbiology Analysis Continued MICROBIOLOGY TEST RESULTS (PLATING) - 02/27/2022 PASS

Analysis conducted by $3M^{^{\text{TM}}}\operatorname{Petrifilm}^{^{\text{TM}}}$ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with $3M^{TM}$ PetrifilmTM

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Total Aerobic Bacteria	100	ND	PASS
Total Yeast and Mold	10	ND	PASS