

SAMPLE NAME: Pain relief salve

Infused, Topical

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Heal Thyself Gardens

License Number:
Address: 21373 Highway 175
Middletown CA Middletown

SAMPLE DETAIL
Batch Number: 012

Sample ID: 230221R016

Date Collected: 02/21/2023

Date Received: 02/21/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass: 30 grams per Unit

Serving Size: 0.5 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 14.9970 mg/unit

Total CBD: 252.3900 mg/unit

Sum of Cannabinoids: 303.1050 mg/unit

Total Cannabinoids: 283.1610 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
SAFETY ANALYSIS - SUMMARY
 Δ^9 -THC per Unit: ✔ PASS

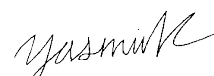
 Heavy Metals: ✔ PASS

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: 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)



 LQC verified by: Yasmin Kakkar
 Job Title: Lead Laboratory Analyst
 Date: 02/23/2023



 Approved by: Josh Wurzer
 Job Title: President
 Date: 02/23/2023



Cannabinoid Analysis

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

†Analytes not part of our ISO/IEC 17025 scope of accreditation.

Method: LA-SOP-101 Cannabinoid Analysis by HPLC-DAD

TOTAL THC: 14.9970 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 252.3900 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 283.1610 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 7.3650 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 5.5290 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 2.5680 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/23/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDa	0.0005 / 0.0018	±0.03907	4.8839	0.48839
CBD	0.0010 / 0.0034	±0.04749	4.1298	0.41298
Δ^9 -THC	0.0016 / 0.0054	±0.00470	0.4084	0.04084
CBCa	0.0011 / 0.0035	±0.00143	0.2101	0.02101
CBGa	0.0005 / 0.0018	±0.00199	0.1591	0.01591
CBG	0.0008 / 0.0027	±0.00173	0.1060	0.01060
THCa	0.0003 / 0.0011	±0.00079	0.1043	0.01043
CBDVa	0.0004 / 0.0014	±0.00041	0.0477	0.00477
CBDV	0.0013 / 0.0044	±0.00039	0.0438	0.00438
CBN	0.0004 / 0.0015	±0.00008	0.0104	0.00104
Δ^8 -THC	0.0011 / 0.0036	N/A	ND	ND
THCV	0.0006 / 0.0019	N/A	ND	ND
THCVa	0.0006 / 0.0021	N/A	ND	ND
CBL†	0.0010 / 0.0034	N/A	ND	ND
CBC	0.0007 / 0.0023	N/A	ND	ND
SUM OF CANNABINOIDS			10.1035 mg/g	1.01035%

Unit Mass: 30 grams per Unit / Serving Size: 0.5 grams per Serving

Δ^9 -THC per Unit	1100 per-package limit	12.2520 mg/unit	PASS
Δ^9 -THC per Serving		0.2042 mg/serving	
Total THC per Unit		14.9970 mg/unit	
Total THC per Serving		0.2500 mg/serving	
CBD per Unit		123.8940 mg/unit	
CBD per Serving		2.0649 mg/serving	
Total CBD per Unit		252.3900 mg/unit	
Total CBD per Serving		4.2065 mg/serving	
Sum of Cannabinoids per Unit		303.1050 mg/unit	
Sum of Cannabinoids per Serving		5.0518 mg/serving	
Total Cannabinoids per Unit		283.1610 mg/unit	
Total Cannabinoids per Serving		4.7195 mg/serving	



Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: LA-SOP-502 Heavy Metals Analysis by ICP-MS

HEAVY METALS TEST RESULTS - 02/23/2023 ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.006 / 0.05	1.5	N/A	<LOQ	PASS
Cadmium	0.003 / 0.05	0.5	N/A	ND	PASS
Lead	0.010 / 0.05	0.5	N/A	<LOQ	PASS
Mercury	0.003 / 0.05	3	N/A	<LOQ	PASS

