

SAMPLE NAME: RELIEF & RECOVERY OINTMENT

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: TERRABLISS
License Number:
Address:
CA

SAMPLE DETAIL

Batch Number: 200SB4G01
Sample ID: 210630Q014

Date Collected: 06/30/2021
Date Received: 07/01/2021
Batch Size:
Sample Size: 1.0 units
Unit Mass: 113 grams per Unit
Serving Size: 11 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 151.759 mg/unit

Total CBD: 1455.666 mg/unit

Sum of Cannabinoids: 1693.531 mg/unit

Total Cannabinoids: 1693.531 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 = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$
 Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
 Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 1.7018%



SAFETY ANALYSIS - SUMMARY

For quality assurance purposes. Not a Pre-Harvest 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. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

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: Michael Pham
Date: 07/02/2021



Approved by: Josh Wurzer, President
Date: 07/02/2021



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: 151.759 mg/unit

Total THC ($\Delta 9$ THC+0.877*THCa)

TOTAL CBD: 1455.666 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1693.531 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta 8$ THC + CBL + CBN

TOTAL CBG: 3.616 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 40.454 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 39.663 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/02/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 0.6170	12.882	1.2882
$\Delta 9$ THC	0.002 / 0.014	± 0.0947	1.343	0.1343
CBC	0.003 / 0.010	± 0.0148	0.358	0.0358
CBDV	0.002 / 0.012	± 0.0184	0.351	0.0351
CBG	0.002 / 0.006	± 0.0020	0.032	0.0032
CBL	0.003 / 0.010	± 0.0010	0.021	0.0021
$\Delta 8$ THC	0.01 / 0.02	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
CBN	0.001 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
SUM OF CANNABINOIDS			14.987 mg/g	1.4987%

Unit Mass: 113 grams per Unit / Serving Size: 11 grams per Serving

$\Delta 9$ THC per Unit	151.759 mg/unit
$\Delta 9$ THC per Serving	14.773 mg/serving
Total THC per Unit	151.759 mg/unit
Total THC per Serving	14.773 mg/serving
CBD per Unit	1455.666 mg/unit
CBD per Serving	141.702 mg/serving
Total CBD per Unit	1455.666 mg/unit
Total CBD per Serving	141.702 mg/serving
Sum of Cannabinoids per Unit	1693.531 mg/unit
Sum of Cannabinoids per Serving	164.857 mg/serving
Total Cannabinoids per Unit	1693.531 mg/unit
Total Cannabinoids per Serving	164.857 mg/serving



Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

1 β Caryophyllene

A sesquiterpene with a fragrance that can be described as spicy, woody, dry, dusty and mildly sweet. It was one of the first organic compounds to fully synthesized in a laboratory and plays a role in the endocannabinoid system as it is a functional CB₂ receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

2 Eucalyptol

A monoterpene alcohol with a fragrance that can be described as a combination of fresh, spicy, herbal and minty. It is sometimes added to cigarettes and mouthwashes as a flavorant. Although sometimes used as an insect repellent, it is a powerful attractant to certain male bees. Found in eucalyptus, rosemary, wormwood, sage...etc.

3 Limonene

A monoterpene with a fragrance that can be described as orangey, citrusy, sweet and tart. It is most commonly found in nature as D-Limonene and is a primary contributor to the distinct scent of orange peels, from which it is commonly derived. Found in numerous pines, red maple, silver maple, aspens, cottonwoods, hemlocks, sumac, cedar, junipers...etc.

TERPENOID TEST RESULTS - 07/02/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β Caryophyllene	0.004 / 0.012	±0.1212	3.405	0.3405
Eucalyptol	0.006 / 0.018	±0.0591	2.337	0.2337
Limonene	0.005 / 0.016	±0.0325	2.270	0.2270
α Humulene	0.009 / 0.029	±0.0445	1.387	0.1387
Menthol	0.008 / 0.025	±0.0536	1.340	0.1340
Linalool	0.009 / 0.032	±0.0452	1.190	0.1190
Myrcene	0.008 / 0.025	±0.0142	1.100	0.1100
γ Terpinene	0.006 / 0.018	±0.0097	0.562	0.0562
Camphor	0.006 / 0.019	±0.0179	0.502	0.0502
Geranyl Acetate	0.004 / 0.014	±0.0177	0.426	0.0426
Nerolidol	0.009 / 0.028	±0.0196	0.312	0.0312
α Pinene	0.005 / 0.017	±0.0025	0.289	0.0289
β Pinene	0.004 / 0.014	±0.0033	0.287	0.0287
Borneol	0.005 / 0.016	±0.0102	0.243	0.0243
p-Cymene	0.005 / 0.016	±0.0062	0.232	0.0232
Terpineol	0.016 / 0.055	±0.0115	0.187	0.0187
α Terpinene	0.005 / 0.017	±0.0027	0.182	0.0182
Terpinolene	0.008 / 0.026	±0.0028	0.137	0.0137
α Phellandrene	0.006 / 0.020	±0.0015	0.107	0.0107
Valencene	0.009 / 0.030	±0.0062	0.090	0.0090
Guaial	0.009 / 0.030	±0.0038	0.080	0.0080
Camphene	0.005 / 0.015	±0.0008	0.073	0.0073
Ocimene	0.011 / 0.038	±0.0023	0.071	0.0071
trans- β -Farnesene	0.008 / 0.025	±0.0023	0.064	0.0064
Sabinene	0.004 / 0.014	±0.0007	0.061	0.0061
Caryophyllene Oxide	0.010 / 0.033	±0.0021	0.046	0.0046
α Bisabolol	0.008 / 0.026	±0.0020	0.038	0.0038
3 Carene	0.005 / 0.018	N/A	<LOQ	<LOQ
Sabinene Hydrate	0.006 / 0.022	N/A	<LOQ	<LOQ
Isoborneol	0.004 / 0.012	N/A	<LOQ	<LOQ
Nerol	0.003 / 0.011	N/A	<LOQ	<LOQ
Citronellol	0.003 / 0.010	N/A	<LOQ	<LOQ
Fenchone	0.009 / 0.028	N/A	ND	ND
Fenchol	0.010 / 0.034	N/A	ND	ND
(-)-Isopulegol	0.005 / 0.016	N/A	ND	ND
R-(+)-Pulegone	0.003 / 0.011	N/A	ND	ND
Geraniol	0.002 / 0.007	N/A	ND	ND
α Cedrene	0.005 / 0.016	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			17.018 mg/g	1.7018%

