

SAMPLE NAME: RELIEF BROAD SPECTRUM 1500mg 10:1 CBD:CBG
 Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
 License Number:
 Address:

DISTRIBUTOR / TESTED FOR

Business Name: Kerwell
 License Number:
 Address:



SAMPLE DETAIL

Batch Number: KRTBS1500522-01
 Sample ID: 220630W007

Date Collected: 06/30/2022
 Date Received: 06/30/2022
 Batch Size:
 Sample Size: 30.0 units
 Unit Mass: 30 milliliters per Unit
 Serving Size: 1 milliliters per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **ND**

Total CBD: **1556.040 mg/unit**

Sum of Cannabinoids: **1721.180 mg/unit**

Total Cannabinoids: **1723.180 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 = $(\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$


Density: 0.9543 g/mL

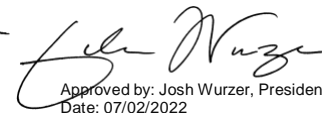
For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, 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: Kevin Flores
 Date: 07/02/2022


 Approved by: Josh Wurzer, President
 Date: 07/02/2022



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: **ND**

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **1556.040 mg/unit**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1723.180 mg/unit

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

TOTAL CBG: 141.390 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 9.960 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 5.490 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/02/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	± 1.9347	51.868	5.4352
CBG	0.002 / 0.006	± 0.2286	4.713	0.4939
CBC	0.003 / 0.010	± 0.0107	0.332	0.0348
CBN	0.001 / 0.007	± 0.0074	0.259	0.0271
CBDV	0.002 / 0.012	± 0.0075	0.183	0.0192
Δ^9 -THC	0.002 / 0.014	± 0.0025	ND	ND
CBL	0.003 / 0.010	± 0.0015	0.040	0.0042
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			57.439 mg/mL	6.0141%

Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

Δ^9 -THC per Unit	0.000 mg/unit
Δ^9 -THC per Serving	0.045 mg/serving
Total THC per Unit	0.000 mg/unit
Total THC per Serving	0.045 mg/serving
CBD per Unit	1556.040 mg/unit
CBD per Serving	51.868 mg/serving
Total CBD per Unit	1556.040 mg/unit
Total CBD per Serving	51.868 mg/serving
Sum of Cannabinoids per Unit	1721.800 mg/unit
Sum of Cannabinoids per Serving	57.440 mg/serving
Total Cannabinoids per Unit	1723.180 mg/unit
Total Cannabinoids per Serving	57.439 mg/serving

DENSITY TEST RESULT

0.9543 g/mL

Tested 07/02/2022

Method: QSP 7870 - Sample Preparation