sc labs™

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 05/20/2022

SAMPLE NAME: KH 300 mg Natural
Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR
[redacted]

SAMPLE DETAIL
Batch Number: 10237
Sample ID: 220519R025

Date Collected: 05/19/2022
Date Received: 05/19/2022
Batch Size:
Sample Size: 10.0 units
Unit Mass: 30 grams per Unit
Serving Size: 1 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 12.300 mg/unit

Total CBD: 299.190 mg/unit

Sum of Cannabinoids: 580.590 mg/unit

Total Cannabinoids: 568.290 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

Density: 0.9484 g/mL

SAFETY ANALYSIS - SUMMARY

Δ^9-THC per Unit: ✓ 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 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: Yasmin Kakkar
Date: 05/20/2022

Approved by: Josh Wurzer, President
Date: 05/20/2022

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

TOTAL CBD: 299.190 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 568.290 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 8.940 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 9.930 mg/unit
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 15.660 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 222.270 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/20/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.3149*	8.442	0.8442
CBDV	*0.002 / 0.012*	*±0.2548*	6.244	0.6244
CBDa	*0.001 / 0.026*	*±0.0496*	1.746	0.1746
CBDVa	*0.001 / 0.018*	*±0.0124*	1.328	0.1328
CBC	*0.003 / 0.010*	*±0.0132*	0.409	0.0409
Δ^9-THC	*0.002 / 0.014*	*±0.0208*	0.378	0.0378
THCV	*0.002 / 0.012*	*±0.0146*	0.298	0.0298
CBG	*0.002 / 0.006*	*±0.0119*	0.245	0.0245
CBCa	*0.001 / 0.015*	*±0.0049*	0.129	0.0129
CBGa	*0.002 / 0.007*	*±0.0014*	0.060	0.0060
THCVa	*0.002 / 0.019*	*±0.0006*	0.038	0.0038
THCa	*0.001 / 0.005*	*±0.0006*	0.036	0.0036
CBN	*0.001 / 0.007*	*N/A*	<LOQ	<LOQ
Δ^8-THC	*0.01 / 0.02*	*N/A*	ND	ND
CBL	*0.003 / 0.010*	*N/A*	ND	ND
SUM OF CANNABINOIDS			19.353 mg/g	1.9353%

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

Δ^9-THC per Unit	*1100 per-package limit*	11.340 mg/unit	PASS
Δ^9-THC per Serving		0.378 mg/serving	
Total THC per Unit		12.300 mg/unit	
Total THC per Serving		0.410 mg/serving	
CBD per Unit		253.260 mg/unit	
CBD per Serving		8.442 mg/serving	
Total CBD per Unit		299.190 mg/unit	
Total CBD per Serving		9.973 mg/serving	
Sum of Cannabinoids per Unit		580.590 mg/unit	
Sum of Cannabinoids per Serving		19.353 mg/serving	
Total Cannabinoids per Unit		568.290 mg/unit	
Total Cannabinoids per Serving		18.943 mg/serving	

DENSITY TEST RESULT

0.9484 g/mL

Tested 05/20/2022

Method: QSP 7870 - Sample Preparation