Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 02/19/2024

SAMPLE NAME: 10:1 CBD/THC Tincture - Lemon Haze

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Simply Crafted
License Number:
Address:

SAMPLE DETAIL

Batch Number:
Sample ID: 240216N018

Date Collected: 02/16/2024
Date Received: 02/16/2024
Batch Size:
Sample Size: 1.0 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: 45.510 mg/unit

Total CBD: 495.030 mg/unit

Sum of Cannabinoids: 544.20 mg/unit

Total Cannabinoids: 544.20 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: 0.9466 g/mL

LQC verified by: Carmen Stackhouse
Job Title: Senior Laboratory Analyst
Date: 02/19/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 02/19/2024

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

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

TOTAL CBD: 495.030 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 544.20 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 1.320 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: <LOQ
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.300 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.530 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/19/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.6155*	16.501	1.7432
Δ^9-THC	*0.002 / 0.014*	*±0.0833*	1.517	0.1603
CBDV	*0.002 / 0.012*	*±0.0021*	0.051	0.0054
CBG	*0.002 / 0.006*	*±0.0021*	0.044	0.0046
Δ^8-THC	*0.01 / 0.02*	*±0.001*	0.02	0.002
CBC	*0.003 / 0.010*	*±0.0003*	0.010	0.0011
THCV	*0.002 / 0.012*	*N/A*	<LOQ	<LOQ
THCa	*0.001 / 0.005*	*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
CBL	*0.003 / 0.010*	*N/A*	ND	ND
CBN	*0.001 / 0.007*	*N/A*	ND	ND
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
SUM OF CANNABINOIDS			18.14 mg/mL	1.916%

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

Δ^9-THC per Unit	45.510 mg/unit
Δ^9-THC per Serving	1.517 mg/serving
Total THC per Unit	45.510 mg/unit
Total THC per Serving	1.517 mg/serving
CBD per Unit	495.030 mg/unit
CBD per Serving	16.501 mg/serving
Total CBD per Unit	495.030 mg/unit
Total CBD per Serving	16.501 mg/serving
Sum of Cannabinoids per Unit	544.20 mg/unit
Sum of Cannabinoids per Serving	18.14 mg/serving
Total Cannabinoids per Unit	544.20 mg/unit
Total Cannabinoids per Serving	18.14 mg/serving

DENSITY TEST RESULT

0.9466 g/mL

Tested 02/19/2024

Method: QSP 7870 - Sample Preparation