Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 06/13/2021

SAMPLE NAME: Holistic - Sleep Tincture

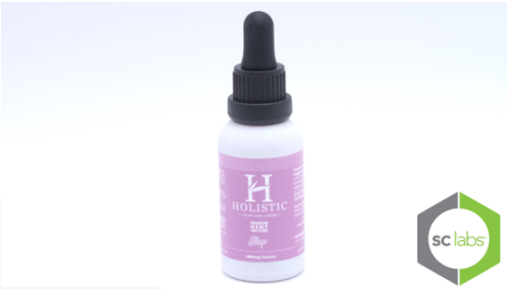
Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: The Anthos Group
License Number:
Address: 15101 South Figeroa
Gardena CA 90248



SAMPLE DETAIL

Batch Number:
Sample ID: 210610R057

Date Collected: 06/10/2021
Date Received: 06/10/2021
Batch Size:
Sample Size: 1.0 units
Unit Mass: 30 milliliters per Unit
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 50.940 mg/unit

Total CBD: 1525.950 mg/unit

Sum of Cannabinoids: 1847.970 mg/unit

Total Cannabinoids: 1847.970 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 = Δ9THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ9THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ8THC + CBL + CBN
Total Cannabinoids = (Δ9THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ8THC + CBL + CBN

Density: 0.9474 g/mL

SAFETY ANALYSIS - SUMMARY

Δ9THC per Unit: PASS

Pesticides: PASS

Residual Solvents: PASS

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: 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: Noel Romero Cortez
Date: 06/13/2021

Approved by: Josh Wurzer, President
Date: 06/13/2021

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: 50.940 mg/unit
Total THC (Δ9THC+0.877*THCa)

TOTAL CBD: 1525.950 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1847.970 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ8THC + CBL + CBN

TOTAL CBG: 43.800 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 65.220 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 11.880 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/12/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	*0.004 / 0.011*	*±2.4364*	50.865	5.3689
CBN	*0.001 / 0.007*	*±0.1811*	4.909	0.5182
CBC	*0.003 / 0.010*	*±0.0900*	2.174	0.2295
Δ9THC	*0.002 / 0.014*	*±0.1197*	1.698	0.1792
CBG	*0.002 / 0.006*	*±0.0908*	1.460	0.1541
CBDV	*0.002 / 0.012*	*±0.0208*	0.396	0.0418
CBL	*0.003 / 0.010*	*±0.0046*	0.097	0.0102
Δ8THC	*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
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
THCa	*0.001 / 0.005*	*N/A*	ND	ND
SUM OF CANNABINOIDS			61.599 mg/mL	6.5019%

Unit Mass: 30 milliliters per Unit

Δ9THC per Unit	*112 per-package limit*	50.940 mg/unit	PASS
Total THC per Unit		50.940 mg/unit	
CBD per Unit		1525.950 mg/unit	
Total CBD per Unit		1525.950 mg/unit	
Sum of Cannabinoids per Unit		1847.970 mg/unit	
Total Cannabinoids per Unit		1847.970 mg/unit	

DENSITY TEST RESULT

0.9474 g/mL

Tested 06/12/2021

Method: QSP 7870 - Sample Preparation

Pesticide Analysis

CATEGORY 1 AND 2 PESTICIDES

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

CATEGORY 1 PESTICIDE TEST RESULTS - 06/13/2021 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Chlorpyrifos	*0.02 / 0.06*	*≥ LOD*	*N/A*	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 06/13/2021 PASS

Abamectin	*0.03 / 0.10*	*0.3*	*N/A*	ND	PASS
Azoxystrobin	*0.01 / 0.04*	*40*	*N/A*	ND	PASS
Bifenazate	*0.01 / 0.02*	*5*	*N/A*	ND	PASS
Bifenthrin	*0.01 / 0.02*	*0.5*	*N/A*	ND	PASS
Boscalid	*0.02 / 0.06*	*10*	*N/A*	ND	PASS
Cypermethrin	*0.1 / 0.3*	*1*	*N/A*	ND	PASS
Etoxazole	*0.010 / 0.028*	*1.5*	*N/A*	ND	PASS
Hexythiazox	*0.01 / 0.04*	*2*	*N/A*	ND	PASS
Imidacloprid	*0.01 / 0.04*	*3*	*N/A*	ND	PASS
Malathion	*0.02 / 0.05*	*5*	*N/A*	ND	PASS
Myclobutanil	*0.03 / 0.1*	*9*	*N/A*	ND	PASS
Permethrin	*0.03 / 0.09*	*20*	*N/A*	ND	PASS
Piperonylbutoxide	*0.003 / 0.009*	*8*	*N/A*	ND	PASS
Propiconazole	*0.01 / 0.03*	*20*	*N/A*	ND	PASS
Spiromesifen	*0.02 / 0.05*	*12*	*N/A*	ND	PASS
Tebuconazole	*0.02 / 0.07*	*2*	*N/A*	ND	PASS
Trifloxystrobin	*0.01 / 0.03*	*30*	*N/A*	ND	PASS

Residual Solvents Analysis

CATEGORY 1 AND 2 RESIDUAL SOLVENTS
Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 06/13/2021 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
1,2-Dichloroethane	*0.05 / 0.1*	*1*	*N/A*	ND	PASS
Benzene	*0.03 / 0.09*	*1*	*N/A*	ND	PASS
Chloroform	*0.1 / 0.2*	*1*	*N/A*	ND	PASS
Ethylene Oxide	*0.3 / 0.8*	*1*	*N/A*	ND	PASS
Methylene chloride	*0.3 / 0.9*	*1*	*N/A*	ND	PASS
Trichloroethylene	*0.1 / 0.3*	*1*	*N/A*	ND	PASS

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 06/13/2021 PASS

Acetone	*20 / 50*	*5000*	*N/A*	ND	PASS
Acetonitrile	*2 / 7*	*410*	*N/A*	ND	PASS
Butane	*10 / 50*	*5000*	*N/A*	ND	PASS
Ethanol	*20 / 50*	*5000*	*N/A*	ND	PASS
Ethyl acetate	*20 / 60*	*5000*	*N/A*	ND	PASS
Ethyl ether	*20 / 50*	*5000*	*N/A*	ND	PASS
Heptane	*20 / 60*	*5000*	*N/A*	ND	PASS
Hexane	*2 / 5*	*290*	*N/A*	ND	PASS
Isopropyl Alcohol	*10 / 40*	*5000*	*N/A*	ND	PASS
Methanol	*50 / 200*	*3000*	*N/A*	ND	PASS
Pentane	*20 / 50*	*5000*	*N/A*	ND	PASS
Propane	*10 / 20*	*5000*	*N/A*	ND	PASS
Toluene	*7 / 21*	*890*	*N/A*	ND	PASS
Total Xylenes	*50 / 160*	*2170*	*N/A*	ND	PASS