Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 01/28/2022

SAMPLE NAME: Two Hawk "Storyteller" Tincture

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Erth, LLC
License Number:
Address:
CA

SAMPLE DETAIL

Batch Number:
Sample ID: 220126R019

Date Collected: 01/26/2022
Date Received: 01/26/2022
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: 18.570 mg/unit

Total CBD: <LOQ

Sum of Cannabinoids: 1090.20 mg/unit

Total Cannabinoids: 1090.08 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: 0.9487 g/mL

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: 01/28/2022

Approved by: Josh Wurzer, President
Date: 01/28/2022

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

TOTAL CBD: <LOQ
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1090.08 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ8THC + CBL + CBN

TOTAL CBG: ND
Total CBG (CBG+0.877*CBGa)

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

TOTAL CBC: ND
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/28/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
Δ8THC	*0.01 / 0.02*	*±2.260*	35.71	3.764
Δ9THC	*0.002 / 0.014*	*±0.0436*	0.619	0.0652
CBN	*0.001 / 0.007*	*±0.0003*	0.007	0.0007
CBD	*0.004 / 0.011*	*N/A*	<LOQ	<LOQ
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
CBDV	*0.002 / 0.012*	*N/A*	ND	ND
CBDVa	*0.001 / 0.018*	*N/A*	ND	ND
CBG	*0.002 / 0.006*	*N/A*	ND	ND
CBGa	*0.002 / 0.007*	*N/A*	ND	ND
CBL	*0.003 / 0.010*	*N/A*	ND	ND
CBC	*0.003 / 0.010*	*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			36.34 mg/mL	3.831%

Unit Mass: 30 milliliters per Unit

Δ9THC per Unit	18.570 mg/unit
Total THC per Unit	18.570 mg/unit
CBD per Unit	<LOQ
Total CBD per Unit	<LOQ
Sum of Cannabinoids per Unit	1090.20 mg/unit
Total Cannabinoids per Unit	1090.08 mg/unit

DENSITY TEST RESULT

0.9487 g/mL

Tested 01/28/2022

Method: QSP 7870 - Sample Preparation

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