Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 08/09/2022

SAMPLE NAME: Sativa D9***

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Lonestar Farms LLC
License Number: 0829775
Address: 15004 Cavalier Canyon Dr Unit C
Austin TX 78734

SAMPLE DETAIL

Batch Number: 1711
Sample ID: 220808R009

Date Collected: 08/08/2022
Date Received: 08/08/2022
Batch Size:
Sample Size: 3.0 units
Unit Mass: 5.941 grams per Unit
Serving Size: 6 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 16.385 mg/unit

Total CBD: 9.850 mg/unit

Sum of Cannabinoids: 29.17 mg/unit

Total Cannabinoids: 29.16 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

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: Callie Stone
Date: 08/09/2022

Approved by: Josh Wurzer, President
Date: 08/09/2022

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: 16.385 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 9.850 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 29.16 mg/unit

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

TOTAL CBG: 0.814 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.083 mg/unit

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.457 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.261 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/09/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^9-THC	*0.040 / 0.280*	*±0.1514*	**2.758**	**0.2758**
CBD	*0.004 / 0.011*	*±0.0618*	**1.658**	**0.1658**
Δ^8-THC	*0.01 / 0.02*	*±0.011*	**0.22**	**0.022**
CBG	*0.002 / 0.006*	*±0.0066*	**0.137**	**0.0137**
CBC	*0.003 / 0.010*	*±0.0025*	**0.077**	**0.0077**
CBDV	*0.002 / 0.012*	*±0.0018*	**0.044**	**0.0044**
THCV	*0.002 / 0.012*	*±0.0007*	**0.014**	**0.0014**
CBN	*0.001 / 0.007*	*N/A*	**<LOQ**	**<LOQ**
THCa	*0.020 / 0.100*	*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**
CBCa	*0.001 / 0.015*	*N/A*	**ND**	**ND**
SUM OF CANNABINOIDS			**4.91 mg/g**	**0.491%**

Unit Mass: 5.941 grams per Unit / Serving Size: 6 grams per Serving

Δ^9-THC per Unit	**16.385 mg/unit**
Δ^9-THC per Serving	**16.548 mg/serving**
Total THC per Unit	**16.385 mg/unit**
Total THC per Serving	**16.548 mg/serving**
CBD per Unit	**9.850 mg/unit**
CBD per Serving	**9.948 mg/serving**
Total CBD per Unit	**9.850 mg/unit**
Total CBD per Serving	**9.948 mg/serving**
Sum of Cannabinoids per Unit	**29.17 mg/unit**
Sum of Cannabinoids per Serving	**29.46 mg/serving**
Total Cannabinoids per Unit	**29.16 mg/unit**
Total Cannabinoids per Serving	**29.45 mg/serving**