

SAMPLE NAME: Sativa D9 Gumdrops
Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Lone Star Farms, LLC
License Number:
Address: Adelanto CA



SAMPLE DETAIL

Batch Number: 1711
Sample ID: 230713N007

Date Collected: 07/13/2023
Date Received: 07/13/2023
Batch Size:
Sample Size: 1.0 units
Unit Mass:
Serving Size: 6 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 2.441 mg/g
Total CBD: 1.634 mg/g
Sum of Cannabinoids: 4.47 mg/g
Total Cannabinoids: 4.47 mg/g

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 = $\Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$
 Sum of Cannabinoids = $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$
 Total Cannabinoids = $(\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

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 4 Division 19. Department of Cannabis Control 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)

Rinal Ahir
QC Verified by: Rinal Ahir
Date: 07/15/2023

Josh Wurzer
Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 07/15/2023




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: 2.441 mg/g

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1.634 mg/g

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 4.47 mg/g

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

TOTAL CBG: 0.026 mg/g

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.013 mg/g

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.059 mg/g

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.189 mg/g

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/15/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^9 -THC	0.002 / 0.014	±0.1340	2.441	0.2441
CBD	0.004 / 0.011	±0.0609	1.634	0.1634
CBDV	0.002 / 0.012	±0.0077	0.189	0.0189
Δ^8 -THC	0.01 / 0.02	±0.005	0.10	0.010
CBC	0.003 / 0.010	±0.0019	0.059	0.0059
CBG	0.002 / 0.006	±0.0013	0.026	0.0026
THCV	0.002 / 0.012	±0.0006	0.013	0.0013
CBN	0.001 / 0.007	±0.0002	0.008	0.0008
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
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			4.47 mg/g	0.447%

Serving Size: 6 grams per Serving

Δ^9 -THC per Serving	14.646 mg/serving
Total THC per Serving	14.646 mg/serving
CBD per Serving	9.804 mg/serving
Total CBD per Serving	9.804 mg/serving
Sum of Cannabinoids per Serving	26.82 mg/serving
Total Cannabinoids per Serving	26.82 mg/serving