

**SAMPLE NAME: Hybrid 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:** 1811

**Sample ID:** 230713N008

**Date Collected:** 07/13/2023

**Date Received:** 07/13/2023

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:**
**Serving Size:** 6.0095 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC: 2.683 mg/g**
**Total CBD: 1.724 mg/g**
**Sum of Cannabinoids: 4.94 mg/g**
**Total Cannabinoids: 4.94 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} (0.877))$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} (0.877))$$

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


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

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)


  
 LQC verified by: Carmen Stackhouse  
 Job Title: Senior Laboratory Analyst  
 Date: 07/17/2023  
 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 07/17/2023



## 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: 2.683 mg/g

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 1.724 mg/g

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 4.94 mg/g

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

### TOTAL CBG: 0.042 mg/g

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: 0.017 mg/g

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 0.085 mg/g

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.288 mg/g

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 07/16/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
$\Delta^9$ -THC	0.040 / 0.280	±0.1473	2.683	0.2683
CBD	0.004 / 0.011	±0.0643	1.724	0.1724
CBDV	0.002 / 0.012	±0.0118	0.288	0.0288
$\Delta^8$ -THC	0.01 / 0.02	±0.004	0.09	0.009
CBC	0.003 / 0.010	±0.0027	0.085	0.0085
CBG	0.002 / 0.006	±0.0020	0.042	0.0042
THCV	0.002 / 0.012	±0.0008	0.017	0.0017
CBN	0.001 / 0.007	±0.0003	0.010	0.0010
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
<b>SUM OF CANNABINOIDS</b>			<b>4.94 mg/g</b>	<b>0.494%</b>

## Serving Size: 6.0095 grams per Serving

$\Delta^9$ -THC per Serving	16.123 mg/serving
Total THC per Serving	16.123 mg/serving
CBD per Serving	10.360 mg/serving
Total CBD per Serving	10.360 mg/serving
Sum of Cannabinoids per Serving	29.69 mg/serving
Total Cannabinoids per Serving	29.69 mg/serving