

**SAMPLE NAME: Hangover Blocker**

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:** 1101

**Sample ID:** 230724N008

**Date Collected:** 07/24/2023

**Date Received:** 07/24/2023

**Batch Size:**
**Sample Size:** 15.0 units

**Unit Mass:**
**Serving Size:** 0.8047 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 1.527 mg/g

**Total CBD:** 45.624 mg/g

**Sum of Cannabinoids:** 50.148 mg/g

**Total Cannabinoids:** 50.148 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:

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

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 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: 07/27/2023

*Josh Wurzer*  
Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 07/27/2023



## 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: 1.527 mg/g

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

### TOTAL CBD: 45.624 mg/g

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 50.148 mg/g

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

### TOTAL CBG: 0.903 mg/g

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 1.807 mg/g

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.287 mg/g

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 07/26/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.080 / 0.220	±1.7018	45.624	4.5624
CBC	0.060 / 0.200	±0.0582	1.807	0.1807
$\Delta^9$ -THC	0.040 / 0.280	±0.0838	1.527	0.1527
CBG	0.040 / 0.120	±0.0438	0.903	0.0903
CBDV	0.040 / 0.240	±0.0117	0.287	0.0287
$\Delta^8$ -THC	0.20 / 0.40	N/A	ND	ND
THCa	0.020 / 0.100	N/A	ND	ND
THCV	0.040 / 0.240	N/A	ND	ND
THCVa	0.040 / 0.380	N/A	ND	ND
CBDA	0.020 / 0.520	N/A	ND	ND
CBDVa	0.020 / 0.360	N/A	ND	ND
CBGa	0.040 / 0.140	N/A	ND	ND
CBL	0.060 / 0.200	N/A	ND	ND
CBN	0.020 / 0.140	N/A	ND	ND
CBCa	0.020 / 0.300	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>50.148 mg/g</b>	<b>5.0148%</b>

## Serving Size: 0.8047 grams per Serving

$\Delta^9$ -THC per Serving	1.229 mg/serving
Total THC per Serving	1.229 mg/serving
CBD per Serving	36.714 mg/serving
Total CBD per Serving	36.714 mg/serving
Sum of Cannabinoids per Serving	40.354 mg/serving
Total Cannabinoids per Serving	40.354 mg/serving