

**SAMPLE DETAILS**
**SAMPLE NAME:** Blue OG

Flower, Inhalable

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Tejas Hemp

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** TJ40490BD-25

**Sample ID:** 251217M016

**Date Collected:** 12/17/2025

**Date Received:** 12/17/2025

**Batch Size:**
**Sample Size:** 1.0 gram

**Unit Mass:**
**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 19.42%

**Total CBD:** 0.072%

**Sum of Cannabinoids:** 23.76%

**Total Cannabinoids:** 20.88%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

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

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

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

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

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
**TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

**Total Terpenoids:** 1.9879%

●  $\alpha$ -Pinene 3.767 mg/g   
 ●  $\beta$ -Caryophyllene 3.538 mg/g   
 ● Myrcene 3.119 mg/g
 
**SAFETY ANALYSIS - SUMMARY**
**Pesticides:** ✔ PASS

**Microbiology (PCR):** ✔ PASS

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),  $\mu\text{g/g} = \text{ppm}$ ,  $\mu\text{g/kg} = \text{ppb}$

*Michael Pham*  
 LQC verified by: Michael Pham  
 Job Title: Senior Laboratory Analyst  
 Date: 01/08/2026

*Josh Wurzer*  
 Approved by: Josh Wurzer  
 Chief Compliance Officer  
 Date: 01/08/2026

Amendment to Certificate of Analysis 251217M016-001



### Cannabinoid Analysis

#### CANNABINOID TEST RESULTS - 12/19/2025

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 19.42%**

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

**TOTAL CBD: 0.072%**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 20.88%**

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

**TOTAL CBG: 0.96%**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 0.199%**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.23%**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04 / 0.24	±7.026	218.88	21.888
CBGa	0.1 / 0.4	±0.53	9.9	0.99
CBCa	0.1 / 0.4	±0.18	2.6	0.26
THCVa	0.05 / 0.17	±0.053	2.27	0.227
$\Delta^9$ -THC	0.1 / 0.4	±0.07	2.2	0.22
CBG	0.2 / 0.5	±0.06	0.9	0.09
CBDa	0.06 / 0.22	±0.027	0.82	0.082
$\Delta^8$ -THC	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
CBD	0.1 / 0.3	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.22	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
CBC	0.1 / 0.2	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>237.6 mg/g</b>	<b>23.76%</b>

### Terpenoid Analysis

#### TERPENOID TEST RESULTS - 01/07/2026

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

**1  $\alpha$ -Pinene**

One of two isomers of the monoterpene Pinene, the most abundant terpene in the natural world. It is responsible for the distinct aroma of many coniferous trees, particularly pines, from which it derives its name. It is a primary constituent of turpentine. Found in pines, rose gun, parsley, frankincense, guava, juniper, rosemary, nutmeg, blue gum, valerian...etc.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
$\alpha$ -Pinene	0.005 / 0.036	±0.1349	3.767	0.3767
$\beta$ -Caryophyllene	0.004 / 0.013	±0.1903	3.538	0.3538
Myrcene	0.007 / 0.025	±0.1104	3.119	0.3119
Limonene	0.005 / 0.016	±0.0893	2.739	0.2739
$\alpha$ -Humulene	0.009 / 0.180	±0.0720	1.338	0.1338
$\beta$ -Pinene	0.004 / 0.015	±0.0431	1.335	0.1335
$\beta$ -Ocimene	0.005 / 0.025	±0.0507	1.291	0.1291
Linalool	0.009 / 0.036	±0.0335	0.852	0.0852
trans- $\beta$ -Farnesene	0.008 / 0.028	±0.0214	0.376	0.0376
Fenchol	0.009 / 0.036	±0.0122	0.332	0.0332
Terpineol	0.008 / 0.025	±0.0188	0.307	0.0307
Nerolidol	0.006 / 0.021	±0.0155	0.196	0.0196
Caryophyllene Oxide	0.011 / 0.038	±0.0090	0.151	0.0151

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