

# **Hemp Quality Assurance Testing**

## **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 08/14/2025** 

### SAMPLE DETAILS

SAMPLE NAME: Stigma Sleep Tonic 12oz

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: STG82-01 Sample ID: 250811K018

**DISTRIBUTOR / TESTED FOR** 

Business Name: Stigma License Number:

Address:

**Date Collected: 08/11/2025** Date Received: 08/11/2025

Batch Size:

Sample Size: 1.0 unit

Unit Mass: 354 grams per Unit

Serving Size:







Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 9.1332 mg/unit

Total CBD: 0.9912 mg/unit

Sum of Cannabinoids: 15.3282 mg/unit

Total Cannabinoids: 15.3282 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 =  $\Delta^9$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ8-THC + CBL + CBN Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

(CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN

Density: 0.9998 g/mL

### **SAFETY ANALYSIS - SUMMARY**

 $\Delta^9$ -THC per Unit:  $\bigcirc$  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

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),  $\mu g/g = ppm, \mu g/kg = ppb$ 

LQC verified by: Michael Pham Job Title: Senior Laboratory Analyst Date: 08/14/2025

Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 08/14/2025



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## 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: 9.1332 mg/unit

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

TOTAL CBD: 0.9912 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 15.3282 mg/unit

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$ 

**TOTAL CBG: ND** 

Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

### **CANNABINOID TEST RESULTS - 08/14/2025**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ <sup>9</sup> -THC	0.0001 / 0.0010	±0.00142	0.0258	0.00258
CBN	0.0001 / 0.0005	±0.00042	0.0147	0.00147
CBD	0.0003 / 0.0008	±0.00010	0.0028	0.00028
∆ <sup>8</sup> -THC	0.0006 / 0.0015	N/A	ND	ND
THCa	0.0001 / 0.0004	N/A	ND	ND
THCV	0.0002 / 0.0009	N/A	ND	ND
THCVa	0.0001/0.0014	N/A	ND	ND
CBDa	0.0001/0.0019	N/A	ND	ND
CBDV	0.0002 / 0.0009	N/A	ND	ND
CBDVa	0.0001/0.0013	N/A	ND	ND
CBG	0.0001 / 0.0005	N/A	ND	ND
CBGa	0.0001 / 0.0005	N/A	ND	ND
CBL	0.0002 / 0.0007	N/A	ND	ND
CBC	0.0003 / 0.0007	N/A	ND	ND
CBCa	0.0001 / 0.0011	N/A	ND	ND
SUM OF CANNABINOIDS			0.0433 mg/g	0.00433%

### Unit Mass: 354 grams per Unit

$\Delta^9$ -THC per Unit	110 per-package limit	9.1332 mg/unit PASS
Total THC per Unit		9.1332 mg/unit
CBD per Unit		0.9912 mg/unit
Total CBD per Unit		0.9912 mg/unit
Sum of Cannabinoids per Unit		15.3282 mg/unit
Total Cannabinoids per Unit		15.3282 mg/unit

### **DENSITY TEST RESULT**

0.9998 g/mL

Tested 08/14/2025

Method: QSP 7870 - Sample Preparation

### **NOTES**

Sample unit mass provided by client.