

SAMPLE DETAILS
SAMPLE NAME: THS Starlight 02_2025_0226

Infused, Solid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: True Hemp Science

License Number:
Address:
SAMPLE DETAIL
Batch Number: BSB-ORBM-WA-WI

Sample ID: 250311S007

Date Collected: 03/11/2025

Date Received: 03/11/2025

Batch Size:
Sample Size: 1.0 units

Unit Mass: 4.5 grams per Unit

Serving Size: 4.5 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 1.269 mg/unit

Total CBD: 38.030 mg/unit

Sum of Cannabinoids: 43.223 mg/unit

Total Cannabinoids: 41.396 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:

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

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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

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

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
SAFETY ANALYSIS - SUMMARY
 $\Delta^9\text{-THC}$ per Unit: ✔ PASS
 $\Delta^9\text{-THC}$ per Serving: ✔ 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), $\mu\text{g/g} = \text{ppm}$, $\mu\text{g/kg} = \text{ppb}$



LQC verified by: Michael Pham
 Job Title: Senior Laboratory Analyst
 Date: 03/13/2025



Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 03/13/2025



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: 1.269 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 38.030 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 41.396 mg/unit

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

TOTAL CBG: 0.644 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 1.193 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.212 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/13/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.2111	5.660	0.5660
CBDa	0.001 / 0.026	±0.0904	3.182	0.3182
Δ^9 -THC	0.002 / 0.014	±0.0147	0.268	0.0268
CBC	0.003 / 0.010	±0.0068	0.210	0.0210
CBG	0.002 / 0.006	±0.0062	0.127	0.0127
CBCa	0.001 / 0.015	±0.0024	0.063	0.0063
CBDV	0.002 / 0.012	±0.0011	0.026	0.0026
CBDVa	0.001 / 0.018	±0.0002	0.024	0.0024
CBGa	0.002 / 0.007	±0.0004	0.018	0.0018
THCa	0.001 / 0.005	±0.0003	0.016	0.0016
CBN	0.001 / 0.007	±0.0003	0.011	0.0011
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
SUM OF CANNABINOIDS			9.605 mg/g	0.9605%

Unit Mass: 4.5 grams per Unit / Serving Size: 4.5 grams per Serving

Δ^9 -THC per Unit	110 per-package limit	1.206 mg/unit	PASS
Δ^9 -THC per Serving		1.206 mg/serving	PASS
Total THC per Unit		1.269 mg/unit	
Total THC per Serving		1.269 mg/serving	
CBD per Unit		25.470 mg/unit	
CBD per Serving		25.470 mg/serving	
Total CBD per Unit		38.030 mg/unit	
Total CBD per Serving		38.030 mg/serving	
Sum of Cannabinoids per Unit		43.223 mg/unit	
Sum of Cannabinoids per Serving		43.223 mg/serving	
Total Cannabinoids per Unit		41.396 mg/unit	
Total Cannabinoids per Serving		41.396 mg/serving	

NOTES

Sample unit mass provided by client.