

Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 10/20/2025

SAMPLE DETAILS

SAMPLE NAME: Stigma Peach Iced Tea 16oz

Beverage, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: STG69-01 Sample ID: 251007M015 **DISTRIBUTOR / TESTED FOR**

Business Name: Stigma **License Number:**

Address:

Date Collected: 10/07/2025 **Date Received:** 10/07/2025

Batch Size:

Sample Size: 1.0 unit

Unit Mass: 470.337 grams per Unit

Serving Size:







Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 10.4885 mg/unit

Total CBD: Not Detected

Sum of Cannabinoids: 10.4885 mg/unit

Total Cannabinoids: 10.4885 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 = Δ^9 -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN Total Cannabinoids = (Δ^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: 1.0085 g/mL

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: \bigcirc PASS

Pesticides: PASS

Mycotoxins: PASS

Residual Solvents: PASS

Heavy Metals: PASS

Microbiology (Plating): ND

Foreign Material: 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.

 $\label{eq:continuous} \textbf{References:} \ \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), } \\ \mu g/g = ppm, \\ \mu g/kg = ppb, \\ \text{too numerous to count} > 250 \ \ \text{cfu/plate (TNTC), colony-forming unit (cfu)} \\ \end{cases}$

LOC verified by: Daniel Hardwick Job Title: Technical Lead Date: 10/20/2025

Approved by: Josh Wurzer Chief Compliance Officer Date: 10/20/2025

Amendment to Certificate of Analysis 251007M015-001



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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: 10.4885 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: Not Detected

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 10.4885 mg/unit

$$\label{eq:total_constraint} \begin{split} & Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + (Total \ CBC) + (Total \ CBC) + (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{split}$$

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 - 10/08/2025

	COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Ī	Δ ⁹ -THC	0.0001 / 0.0011	±0.00122	0.0223	0.00223
	Δ^8 -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
Ī	THCVa	0.0001 / 0.0014	N/A	ND	ND
	CBD	0.0003 / 0.0008	N/A	ND	ND
Ī	CBDa	0.0001 / 0.0020	N/A	ND	ND
	CBDV	0.0002 / 0.0009	N/A	ND	ND
	CBDVa	0.0001 / 0.0014	N/A	ND	ND
Ī	CBG	0.0001 / 0.0005	N/A	ND	ND
	CBGa	0.0001 / 0.0005	N/A	ND	ND
	CBL	0.0002 / 0.0008	N/A	ND	ND
Ī	CBN	0.0001 / 0.0005	N/A	ND	ND
	СВС	0.0003 / 0.0008	N/A	ND	ND
	CBCa	0.0001 / 0.0011	N/A	ND	ND
	SUM OF CANNA	ABINOIDS		0.0223 mg/g	0.00223%

Unit Mass: 470.337 grams per Unit

Δ^9 -THC per Unit	110 per-package <mark>limit</mark>	10.4885 mg/unit PASS	
Total THC per Unit		10.4885 mg/unit	
CBD per Unit		ND	
Total CBD per Unit		ND	
Sum of Cannabinoids per Unit		10.4885 mg/unit	
Total Cannabinoids per Unit		10.4885 mg/unit	

DENSITY TEST RESULT

1.0085 g/mL

Tested 10/08/2025

Method: QSP 7870 - Sample Preparation



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Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 10/08/2025 **⊘** PASS

	COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
	Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS
	Azoxystrobin	0.02 / 0.07	40	N/A	ND	PASS
	Bifenazate	0.01 / 0.04	5	N/A	ND	PASS
Ī	Bifenthrin	0.02 / 0.05	0.5	N/A	ND	PASS
Ī	Boscalid	0.03/0.09	10	N/A	ND	PASS
	Chlorpyrifos	0.02 / 0.06	≥LOD	N/A	ND	PASS
Ī	Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Ī	Etoxazole	0.02 / 0.06	1.5	N/A	ND	PASS
	Hexythiazox	0.02 / 0.07	2	N/A	ND	PASS
Ī	Imidacloprid	0.04 / 0.11	3	N/A	ND	PASS
Ī	Malathion	0.03 / 0.09	5	N/A	ND	PASS
	Myclobutanil	0.03 / 0.09	9	N/A	ND	PASS
Ī	Permethrin	0.04 / 0.12	20	N/A	ND	PASS
	Piperonyl Butoxide	0.02 / 0.07	8	N/A	ND	PASS
	Propiconazole	0.02 / 0.07	20	N/A	ND	PASS
Ī	Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Ī	Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
	Trifloxystrobin	0.03 / 0.08	30	N/A	ND	PASS
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Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by

MYCOTOXIN TEST RESULTS - 10/08/2025 O PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (μg/kg)	MEASUREMENT UNCERTAINTY (μg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5 <mark>.6</mark>		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2/3.5		N/A	ND	
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS



Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Total Butanes = n-Butane + 2-Methylpropane (Isobutane) **Total Heptanes** = 2,2-Dimethylpentane (Neoheptane) + 2,3-Dimethylpentane + 2,4-Dimethylpentane + 3,3-Dimethylpentane + 2,2,3-Trimethylbutane (Triptane) + 2-Methylhexane (Isoheptane) + 3-Methylhexane + 3-Ethylpentane + n-Heptane **Total Xylenes** = 1,2-Dimethylbenzene (o-Xylene) +

1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)

RESIDUAL SOLVENTS TEST RESULTS - 10/10/2025 **⊘ PASS**

COMPOUND	LOD/LOQ (μg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Propane	0.234 / 0.781	5000	N/A	ND	PASS
2-Methylpropane (Isobutane)	0.052/0.173		N/A	ND	
n-Butane	0.019 / 0.063	5000	N/A	ND	PASS
Total Butanes				ND	
n-Pentane	0.310 / 1.033	5000	N/A	ND	PASS
n-Hexane	0.110 / 0.366	290	N/A	ND	PASS

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RESIDUAL SOLVENTS TEST RESULTS - 10/10/2025 continued PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
2,2-Dimethylpentane (Neoheptane)	0.493 / 1.642		N/A	ND	
2,3-Dimethylpentane	1.009 / 3.365		N/A	ND	
2,4-Dimethylpentane	0.737 / 2.458		N/A	ND	
3,3-Dimethylpentane	0.198 / 0.660		N/A	ND	
2,2,3-Trimethylbutane (Triptane)	0.521 / 1.738		N/A	ND	
2-Methylhexane (Isoheptane)	0.610/2.034		N/A	ND	
3-Methylhexane	0.235 / 0.785		N/A	ND	
3-Ethylpentane	0.304 / 1.012		N/A	ND	
n-Heptane	13.12 / 43.72	5000	N/A	ND	PASS
Total Heptanes				ND	
Benzene	0.089 / 0.295	1	N/A	ND	PASS
Toluene	0.115 / 0.382	890	N/A	ND	PASS
1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	0.451 / 1.502		N/A	ND	
1,2-Dimethylbenzene (o-Xylene)	0.387 / 1.289		N/A	ND	
Total Xylenes		2170		ND	PASS
Methanol	53.92 / 163.4	3000	N/A	ND	PASS
Ethanol	8.984 / 27.23	5000	N/A	ND	PASS
2-Propanol (Isopropyl Alcohol)	8.421 / 25.52	5000	N/A	ND	PASS
Acetone	10.59 / 32.08	5000	N/A	ND	PASS
Ethyl Acetate	1.123 / 3.745	5000	N/A	ND	PASS



Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 10/11/2025 PASS

COMPOUND	LOD/L <mark>OQ</mark> (µg <mark>/g)</mark>	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Arsenic	0.02/0.1	1.5	N/A	ND	PASS
Cadmium	0.0 <mark>2 / 0.05</mark>	0.5	N/A	ND	PASS
Lead	0.04/0.1	0.5	N/A	ND	PASS
Mercury	0.0 <mark>02/0.01</mark>	3	N/A	ND	PASS





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Microbiology Analysis

Analysis conducted by $3M^{TM}$ Petrifilm TM and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with 3M[™] Petrifilm[™]



Foreign Material Analysis

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 - Analysis of Foreign Material in Cannabis

MICROBIOLOGY TEST RESULTS (PLATING) - 10/09/2025 ND

COMPOUND	RESULT (cfu/g)
Total Yeast and Mold	ND

FOREIGN MATERIAL TEST RESULTS - 10/07/2025 OPASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Hair Count	> 1 per 3 grams	0.0	PASS
Insect Fragment Count	> 1 per 3 grams	0.0	PASS
Mammalian Excreta Count	> 1 per 3 grams	0.0	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	None	PASS
Total Sample Area Covered by Mold	>25%	None	PASS
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	None	PASS

Reason for Amendment: Order Detail Information Change Sample unit mass provided by client.