

**Certificate of Analysis**  
**Compliance Test**  
**Texas**

**Mai High Tai #901**  
Sample Matrix:  
HEMP  
Extract  
Ingestion



**Client Information:**  
**Spindletop Brewery**  
10622 Hirsch Rd.  
Houston, Texas 77016

**Manufacturing Facility:**  
Spindletop Brewery  
10622 Hirsch Rd.  
Houston, Texas 77016  
Production Date: 2026-05-08

**Order Details:**  
Test Reg State: Texas  
Order # SPI260512-010001  
Order Date: 2026-05-12  
Sample # AAHR283  
Net Weight per Serving:  
355 ml  
Servings Per Package: 1

**Batch Data:**  
Batch # 901  
Batch Date: 2026-05-08  
Extracted From: Hemp  
Sampling Date: 2026-05-14  
Lab Batch Date: 2026-05-14  
Completion Date: 2026-05-21  
Expiration Date: 2027-05-21

**Food Permits:**



Product Image

<b>Staphylococcus Aureus</b> <b>Passed</b>	<b>Campylobacter</b> <b>Passed</b>	<b>Microbiology - Yersinia spp</b> <b>Passed</b>	<b>Potency</b> <b>Tested</b>	<b>Pesticides</b> <b>Passed</b>
<b>Heavy Metals</b> <b>Passed</b>	<b>Residual Solvents</b> <b>Passed</b>	<b>Pathogenic Microbiology</b> <b>Passed</b>	<b>Listeria Monocytogenes</b> <b>Passed</b>	<b>Microbiology Petrifilm</b> <b>Passed</b>

**Potency Summary**

<b>Delta 9 THC</b>	<b>0.00164%</b>	<b>Total Active CBD</b>	<b>0.0000140%</b>
per Serving	5.82 mg	per Serving	0.0497 mg
per Package	5.82 mg	per Package	0.0497 mg
<b>Total CBG</b>	<b>&lt;LOQ</b>	<b>Total CBN</b>	<b>&lt;LOQ</b>
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total Cannabinoids</b>	<b>0.00166%</b>	<b>Total Active THC</b>	<b>0.00164%</b>
per Serving	5.88 mg	per Serving	5.82 mg
per Package	5.88 mg	per Package	5.82 mg

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.867), Total THC = (THCA + D8thca) \* 0.877 + Total (+/-) Delta 9 THC + Total (+/-) Delta-8 THC + delta 7-THCs + Delta4(8)-iso-THC + Delta8-iso-THC + Delta6a10a-THC + Total Delta-10 THC + exo-THC + abnormal cbd, Total THCv = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, The results apply to the sample as received. \* Measurement of Uncertainty for all test panels ≤15%

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**Food Permits:**

**Potency - State Specific** **Tested** SOP13.030 (LCMS)  
Specimen Weight: 20000.000 mg

Analyte	LOD (mg/g)	LOQ (%)	Result (µg/ml)	(%)	Per Serving (mg)	Per Package (mg)
Delta-9 THC	0.000013	0.0015	16.4	0.00164	5.83	5.83
CBD	0.000054	0.0015	0.138	0.0000140	0.0490	0.0490
CBC	0.000018	0.0015	<LOQ	<LOQ	0.00	0.00
CBDA	0.00001	0.0015	<LOQ	<LOQ	0.00	0.00
CBDV	0.000065	0.0015	<LOQ	<LOQ	0.00	0.00
CBG	0.000248	0.0015	<LOQ	<LOQ	0.00	0.00
CBGA	0.00008	0.0015	<LOQ	<LOQ	0.00	0.00
CBN	0.000014	0.0015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC	0.000026	0.0015	<LOQ	<LOQ	0.00	0.00
THCA-A	0.000032	0.0015	<LOQ	<LOQ	0.00	0.00
THCV	0.000007	0.0015	<LOQ	<LOQ	0.00	0.00

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**Food Permits:**

**Staphylococcus Aureus**  
Specimen Weight: 257.000 mg

**Passed**  
SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte

Staphylococcus aureus

Result

(cfu/g)

Absence

**Campylobacter Multi State \***  
Specimen Weight: 1014.600 mg

**Passed**  
SOP MIC-012 (Immunochromatographic)

Dilution Factor: 1.000

Analyte

Campylobacter spp

Result

(cfu/g)

Absence

**Listeria Monocytogenes**  
Specimen Weight: 1000.400 mg

**Passed**  
SOP13.032 (qPCR)

Dilution Factor: 1.000

Analyte

Listeria Monocytogenes

Absence in 1g

**Microbiology- Yersinia spp. Multi State \***  
Specimen Weight: 518.700 mg

**Passed**  
SOP MIC-013 (Plating/PCR)

Dilution Factor: 1.000

Analyte

Yersinia enterocolitica

Result

(cfu/g)

Absence

Analyte

Yersinia pseudotuberculosis

Result

(cfu/g)

Absence

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Microbiology Plating Multi State				Passed			
Specimen Weight: 999.200 mg				SOP13.003 (Petrifilm)			
Dilution Factor: 1.000							
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Aerobic Count	1000	100000	<1000	Total Yeast/Mold	1000	100000	<1000

Pathogenic Microbiology SAE (MicroArray) Multi State						Passed	
Specimen Weight: 1019.000 mg						SOP13.019 (Micro Array)	
Dilution Factor: 1.000							
Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)		
E. Coli	1	Absence in 1g	STX1 Gene	1	Absence in 1g		
Salmonella	1	Absence in 1g	STX2 Gene	1	Absence in 1g		
Shiga toxin-producing E. coli (STEC)	1	Absence in 1g					

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**Food Permits:**

### Heavy Metals Multi State - Ingestion

Specimen Weight: 257.700 mg

Dilution Factor: 194.024

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Arsenic (As)	0.0000130	0.1	1.5	<LOQ	Lead (Pb)	0.00000700	0.1	1.0	<LOQ
Cadmium (Cd)	0.00000300	0.1	0.3	<LOQ	Mercury (Hg)	0.0000160	0.1	0.5	<LOQ

**Passed**

SOP13.048 (ICP-MS)

### Residual Solvents Multi State - Ingestion

Specimen Weight: 7.800 mg

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	1.6	8	<LOQ	Heptane	.0013	13.9	5000	<LOQ
1,2-Dichloroethane	0.0003	0.5	2	<LOQ	Hexane	.0678	11.7	250	<LOQ
Acetone	0.0151	20.8	750	<LOQ	Isopropyl alcohol	.0048	13.9	500	<LOQ
Acetonitrile	0.0596	11.7	60	<LOQ	Methanol	.0005	6.9	250	<LOQ
Benzene	0.0002	0.2	1	<LOQ	Methylene chloride	.0029	24.3	125	<LOQ
Butane	.4167	25	5000	<LOQ	Pentane	.0371	20.8	750	<LOQ
Chloroform	0.0001	0.4	2	<LOQ	Propane	.0308	58.3	5000	<LOQ
Ethanol	0.0021	27.8	5000	293	Toluene	.0009	29.2	150	<LOQ
Ethyl Acetate	0.0012	11.1	400	<LOQ	Total Xylenes	.0001	29.2	150	<LOQ
Ethyl Ether	0.0049	13.9	500	<LOQ	Trichloroethylene	.0014	4.9	25	<LOQ
Ethylene Oxide	.0038	1	5	<LOQ					

**Passed**

SOP13.039 (GCMS-HS)

### Pesticides Multi State - Ingestion

Specimen Weight: 614.000 mg

Dilution Factor: 2.440

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Acetamiprid	0.000140	0.0248	0.2	<LOQ	Fonicamid	0.000466	0.0248	1.0	<LOQ
Aldicarb	0.000203	0.0248	0.4	<LOQ	Imidacloprid	0.000402	0.0248	0.4	<LOQ
Azoxystrobin	0.000188	0.0248	0.2	<LOQ	Metalaxyl	0.000270	0.0248	0.2	<LOQ
Bifenazate	0.0000860	0.0248	0.2	<LOQ	Methiocarb	0.000118	0.0248	0.4	<LOQ
Boscalid	0.000595	0.0248	0.2	<LOQ	Methomyl	0.0000640	0.0248	0.4	<LOQ
Carbaryl	0.000122	0.0248	0.5	<LOQ	methyl-Parathion	0.000820	0.0248	8.5	<LOQ
Carbofuran	0.0000860	0.0248	0.2	<LOQ	Myclobutanil	0.000573	0.0248	0.3	<LOQ
Chlorantraniliprole	0.0000840	0.0248	0.2	<LOQ	Oxamyl	0.0000410	0.0248	1	<LOQ
Chlorpyrifos	0.000109	0.0248	0.6	<LOQ	Permethrins	0.000624	0.0248	1.1	<LOQ
Cypermethrin	0.000985	0.0248	18	<LOQ	Pyridaben	0.000140	0.0248	0.2	<LOQ
Diazinon	0.000212	0.0248	2.6	<LOQ	Spiroxamine	0.000533	0.0248	2	<LOQ
Dichlorvos	0.00113	0.0248	0.1	<LOQ	Tebuconazole	0.000230	0.0248	0.4	<LOQ
Ethoprophos	0.000151	0.0248	0.4	<LOQ	Thiacloprid	0.000170	0.0248	0.2	<LOQ
Etofenprox	0.000172	0.0248	0.4	<LOQ	Thiamethoxam	0.000179	0.0248	0.2	<LOQ
Fipronil	0.000317	0.0248	1.0	<LOQ					

**Passed**

SOP13.007 (LCMS/GCMS)

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