SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 08/18/2026

SAMPLE DETAILS

SAMPLE NAME: 10mg Grape 750ml Spirit

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: TCF Manufacturing
License Number:
Address: 12011 Starcrest Dr.
San Antonio TX 78247

SAMPLE DETAIL

Batch Number: SHGR126/2825
Sample ID: 260813Q017

Date Collected: 08/13/2026
Date Received: 08/13/2026
Batch Size:
Sample Size: 1.0 unit
Unit Mass: 750 milliliters per Unit
Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 165.9750 mg/unit

Total CBD: 4.9500 mg/unit

Sum of Cannabinoids: 172.2000 mg/unit

Total Cannabinoids: 172.2000 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) + Δ^8-THC + CBL + CBN

Density: 1.0033 g/mL

SAFETY ANALYSIS - SUMMARY

Pesticides: ND

Residual Solvents: ND

Heavy Metals: ND

Microbiology (PCR): ND

Microbiology (Plating): ND

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.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

Approved by: Shane Dodd
Job Title: Laboratory Technician II
Date: 08/18/2026

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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: 165.9750 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 4.9500 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 172.2000 mg/unit

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

TOTAL CBG: <LOQ

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.8250 mg/unit

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 - 08/17/2026

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
Δ^9-THC	*0.0001 / 0.0011*	*±0.01215*	0.2213	0.02206
CBD	*0.0003 / 0.0008*	*±0.00025*	0.0066	0.00066
THCV	*0.0002 / 0.0009*	*±0.00005*	0.0011	0.00011
CBN	*0.0001 / 0.0005*	*±0.00002*	0.0006	0.00006
CBG	*0.0001 / 0.0005*	*N/A*	<LOQ	<LOQ
Δ^8-THC	*0.0006 / 0.0015*	*N/A*	ND	ND
THCa	*0.0001 / 0.0004*	*N/A*	ND	ND
THCVa	*0.0001 / 0.0014*	*N/A*	ND	ND
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
CBGa	*0.0001 / 0.0005*	*N/A*	ND	ND
CBL	*0.0002 / 0.0008*	*N/A*	ND	ND
CBC	*0.0003 / 0.0008*	*N/A*	ND	ND
CBCa	*0.0001 / 0.0011*	*N/A*	ND	ND
SUM OF CANNABINOIDS			0.2296 mg/mL	0.02288%

Unit Mass: 750 milliliters per Unit

Δ^9-THC per Unit	165.9750 mg/unit
Total THC per Unit	165.9750 mg/unit
CBD per Unit	4.9500 mg/unit
Total CBD per Unit	4.9500 mg/unit
Sum of Cannabinoids per Unit	172.2000 mg/unit
Total Cannabinoids per Unit	172.2000 mg/unit

DENSITY TEST RESULT

1.0033 g/mL

Tested 08/17/2026

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 - 08/15/2026 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Abamectin	*0.03 / 0.10*	*N/A*	ND
Acephate	*0.02 / 0.07*	*N/A*	ND
Acequinocyl	*0.02 / 0.07*	*N/A*	ND
Acetamiprid	*0.02 / 0.05*	*N/A*	ND
Aldicarb	*0.03 / 0.08*	*N/A*	ND
Azoxystrobin	*0.02 / 0.07*	*N/A*	ND
Bifenazate	*0.01 / 0.04*	*N/A*	ND
Bifenthrin	*0.02 / 0.05*	*N/A*	ND
Boscalid	*0.03 / 0.09*	*N/A*	ND
Captan	*0.19 / 0.57*	*N/A*	ND
Carbaryl	*0.02 / 0.06*	*N/A*	ND
Carbofuran	*0.02 / 0.05*	*N/A*	ND
Chlorantraniliprole	*0.04 / 0.12*	*N/A*	ND
Chlordane*	*0.03 / 0.08*	*N/A*	ND
Chlorfenapyr*	*0.03 / 0.10*	*N/A*	ND
Chlorpyrifos	*0.02 / 0.06*	*N/A*	ND
Clofentezine	*0.03 / 0.09*	*N/A*	ND
Coumaphos	*0.02 / 0.07*	*N/A*	ND
Cyfluthrin	*0.12 / 0.38*	*N/A*	ND
Cypermethrin	*0.11 / 0.32*	*N/A*	ND
Daminozide	*0.02 / 0.07*	*N/A*	ND
Diazinon	*0.02 / 0.05*	*N/A*	ND
Dichlorvos (DDVP)	*0.03 / 0.09*	*N/A*	ND
Dimethoate	*0.03 / 0.08*	*N/A*	ND
Dimethomorph	*0.03 / 0.09*	*N/A*	ND
Ethoprophos	*0.03 / 0.10*	*N/A*	ND
Etofenprox	*0.02 / 0.06*	*N/A*	ND
Etoxazole	*0.02 / 0.06*	*N/A*	ND
Fenhexamid	*0.03 / 0.09*	*N/A*	ND
Fenoxycarb	*0.03 / 0.08*	*N/A*	ND
Fenpyroximate	*0.02 / 0.06*	*N/A*	ND
Fipronil	*0.03 / 0.08*	*N/A*	ND
Flonicamid	*0.03 / 0.10*	*N/A*	ND
Fludioxonil	*0.03 / 0.10*	*N/A*	ND
Hexythiazox	*0.02 / 0.07*	*N/A*	ND
Imazalil	*0.02 / 0.06*	*N/A*	ND
Imidacloprid	*0.04 / 0.11*	*N/A*	ND
Kresoxim-methyl	*0.02 / 0.07*	*N/A*	ND
Malathion	*0.03 / 0.09*	*N/A*	ND
Metalaxyl	*0.02 / 0.07*	*N/A*	ND
Methiocarb	*0.02 / 0.07*	*N/A*	ND

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 08/15/2026 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Methomyl	*0.03 / 0.10*	*N/A*	ND
Mevinphos	*0.03 / 0.09*	*N/A*	ND
Myclobutanil	*0.03 / 0.09*	*N/A*	ND
Naled	*0.02 / 0.07*	*N/A*	ND
Oxamyl	*0.04 / 0.11*	*N/A*	ND
Paclobutrazol	*0.02 / 0.05*	*N/A*	ND
Parathion-methyl	*0.03 / 0.10*	*N/A*	ND
Pentachloronitro-benzene (Quintozene)*	*0.03 / 0.09*	*N/A*	ND
Permethrin	*0.04 / 0.12*	*N/A*	ND
Phosmet	*0.03 / 0.10*	*N/A*	ND
Piperonyl Butoxide	*0.02 / 0.07*	*N/A*	ND
Prallethrin	*0.03 / 0.08*	*N/A*	ND
Propiconazole	*0.02 / 0.07*	*N/A*	ND
Propoxur	*0.03 / 0.09*	*N/A*	ND
Pyrethrins	*0.04 / 0.12*	*N/A*	ND
Pyridaben	*0.02 / 0.07*	*N/A*	ND
Spinetoram	*0.02 / 0.07*	*N/A*	ND
Spinosad	*0.02 / 0.07*	*N/A*	ND
Spiromesifen	*0.02 / 0.05*	*N/A*	ND
Spirotetramat	*0.02 / 0.06*	*N/A*	ND
Spiroxamine	*0.03 / 0.08*	*N/A*	ND
Tebuconazole	*0.02 / 0.07*	*N/A*	ND
Thiacloprid	*0.03 / 0.10*	*N/A*	ND
Thiamethoxam	*0.03 / 0.10*	*N/A*	ND
Trifloxystrobin	*0.03 / 0.08*	*N/A*	ND

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 - 08/18/2026 **ND**

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

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Residual Solvents Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 08/18/2026 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
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*	*N/A*	ND
Total Heptanes			ND
Benzene	*0.089 / 0.295*	*N/A*	ND
Toluene	*0.115 / 0.382*	*N/A*	ND
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			ND
Methanol	*53.92 / 163.4*	*N/A*	ND
Ethanol	*8.984 / 27.23*	*N/A*	ND
2-Propanol (Isopropyl Alcohol)	*8.421 / 25.52*	*N/A*	ND
Acetone	*10.59 / 32.08*	*N/A*	ND
Ethyl Acetate	*1.123 / 3.745*	*N/A*	ND

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 - 08/17/2026 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Arsenic	*0.02 / 0.1*	*N/A*	ND
Cadmium	*0.02 / 0.05*	*N/A*	ND
Lead	*0.04 / 0.1*	*N/A*	ND
Mercury	*0.002 / 0.01*	*N/A*	ND

Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 08/18/2026 **ND**

COMPOUND	RESULT
Campylobacter spp.	ND
Listeria monocytogenes	ND
Salmonella spp.	ND
Staphylococcus aureus	ND
Yersinia spp.	ND

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Microbiology Analysis *Continued*

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

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

MICROBIOLOGY TEST RESULTS (PLATING) - 08/18/2026 **ND**

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

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