

**SAMPLE NAME: Yellow Rose Hemp Farm D8\_01**

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR / TESTED FOR**

**Business Name:** COSMIC COWBOYS  
EXTRACTIONS LLC

**License Number:**

**Address:** 23407 Snook Ln. #2  
Tomball TX 77375



**SAMPLE DETAIL**

**Batch Number:** YRHFD801

**Sample ID:** 210812S001

**Date Collected:** 08/12/2021

**Date Received:** 08/12/2021

**Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:** 60 milliliters per Unit

**Serving Size:** 60 milliliters per Serving



Scan QR code to verify  
authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 4.140 mg/unit

**Total CBD:** <LOQ

**Sum of Cannabinoids:** 58.140 mg/unit

**Total Cannabinoids:** 58.140 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 =  $\Delta^9\text{THC} + (\text{THCa} \cdot 0.877)$   
 Total CBD =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$   
 Sum of Cannabinoids =  $\Delta^9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{THC} + \text{CBL} + \text{CBN}$   
 Total Cannabinoids =  $(\Delta^9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{THC} + \text{CBL} + \text{CBN}$

**Density:** 1.0497 g/mL

For quality assurance purposes. Not a Pre-Harvest 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:** Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

**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)

*Carmen Stackhouse* *Josh Wurzer*  
 LQC verified by: Carmen Stackhouse      Approved by: Josh Wurzer, President  
 Date: 08/13/2021                                      Date: 08/13/2021



CANNABINOID TEST RESULTS - 08/13/2021

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 4.140 mg/unit**

Total THC ( $\Delta 9\text{THC} + 0.877 * \text{THCa}$ )

**TOTAL CBD: <LOQ**

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

**TOTAL CANNABINOIDS: 58.140 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta 8\text{THC}$  + CBL + CBN

**TOTAL CBG: ND**

Total CBG ( $\text{CBG} + 0.877 * \text{CBGa}$ )

**TOTAL THCV: ND**

Total THCV ( $\text{THCV} + 0.877 * \text{THCVa}$ )

**TOTAL CBC: ND**

Total CBC ( $\text{CBC} + 0.877 * \text{CBCa}$ )

**TOTAL CBDV: ND**

Total CBDV ( $\text{CBDV} + 0.877 * \text{CBDVa}$ )

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
$\Delta 8\text{THC}$	0.01 / 0.02	$\pm 0.057$	0.90	0.086
$\Delta 9\text{THC}$	0.002 / 0.014	$\pm 0.0049$	0.069	0.0066
CBD	0.004 / 0.011	N/A	<LOQ	<LOQ
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDV	0.002 / 0.012	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>0.969 mg/mL</b>	<b>0.0923%</b>

Unit Mass: 60 milliliters per Unit / Serving Size: 60 milliliters per Serving

$\Delta 9\text{THC}$ per Unit	4.140 mg/unit
$\Delta 9\text{THC}$ per Serving	4.140 mg/serving
Total THC per Unit	4.140 mg/unit
Total THC per Serving	4.140 mg/serving
CBD per Unit	<LOQ
CBD per Serving	<LOQ
Total CBD per Unit	<LOQ
Total CBD per Serving	<LOQ
Sum of Cannabinoids per Unit	58.140 mg/unit
Sum of Cannabinoids per Serving	58.140 mg/serving
Total Cannabinoids per Unit	58.140 mg/unit
Total Cannabinoids per Serving	58.140 mg/serving

DENSITY TEST RESULT

1.0497 g/mL

Tested 08/13/2021

Method: QSP 7870 - Sample Preparation

