

**SAMPLE NAME: Pet Oil**

Infused, Hemp

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Crested River  
Cannabis Company

**License Number:**
**Address:** 79 Vernon Ave  
Morgan MN 56266

**SAMPLE DETAIL**
**Batch Number:** 240905.1

**Sample ID:** 240917R001

**Date Collected:** 09/17/2024

**Date Received:** 09/17/2024

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 30 milliliters per Unit

**Serving Size:** 1 milliliters per Serving

 Scan QR code to verify  
authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 10.200 mg/unit

**Total CBD:** 330.480 mg/unit

**Sum of Cannabinoids:** 356.580 mg/unit

**Total Cannabinoids:** 356.580 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 =  $\Delta^9$ -THC + (THCa (0.877))


Total CBD = CBD + (CBDa (0.877))

 Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa +  
THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN

 Total Cannabinoids = ( $\Delta^9$ -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:** 0.947 g/mL

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.

  
 QC Verified by: Rinal Ahir  
 Date: 09/20/2024

  
 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 09/20/2024

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



## 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: 10.200 mg/unit

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 330.480 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 356.580 mg/unit

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

### TOTAL CBG: 11.550 mg/unit

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: 3.900 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 09/20/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.4109	11.016	1.1633
CBG	0.002 / 0.006	±0.0187	0.385	0.0407
$\Delta^9$ -THC	0.002 / 0.014	±0.0187	0.340	0.0359
CBDV	0.002 / 0.012	±0.0053	0.130	0.0137
CBN	0.001 / 0.007	±0.0004	0.015	0.0016
$\Delta^8$ -THC	0.01 / 0.02	N/A	ND	ND
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
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	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>11.886 mg/mL</b>	<b>1.2551%</b>

## Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

$\Delta^9$ -THC per Unit	10.200 mg/unit
$\Delta^9$ -THC per Serving	0.340 mg/serving
Total THC per Unit	10.200 mg/unit
Total THC per Serving	0.340 mg/serving
CBD per Unit	330.480 mg/unit
CBD per Serving	11.016 mg/serving
Total CBD per Unit	330.480 mg/unit
Total CBD per Serving	11.016 mg/serving
Sum of Cannabinoids per Unit	356.580 mg/unit
Sum of Cannabinoids per Serving	11.886 mg/serving
Total Cannabinoids per Unit	356.580 mg/unit
Total Cannabinoids per Serving	11.886 mg/serving

## DENSITY TEST RESULT

0.947 g/mL

Tested 09/20/2024

**Method:** QSP 7870 - Sample Preparation