

**SAMPLE DETAILS**
**SAMPLE NAME:** Lake Effect Root Beer

Beverage, Liquid Edible

**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:** 250612.1

**Sample ID:** 250620R015

**Date Collected:** 06/20/2025

**Date Received:** 06/20/2025

**Batch Size:**
**Sample Size:** 1.0 unit

**Unit Mass:** 473 milliliters per Unit

**Serving Size:** 236.5 milliliters per Serving

Scan QR code to verify  
authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 56.9492 mg/unit

**Total CBD:** 4.3516 mg/unit

**Sum of Cannabinoids:** 61.3008 mg/unit

**Total Cannabinoids:** 61.3008 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:** 1.0462 g/mL

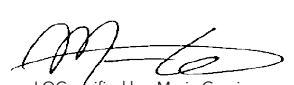
**SAFETY ANALYSIS - SUMMARY**
 $\Delta^9\text{-THC}$  per Unit: ✔ PASS

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.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  $\mu\text{g/g}$  = ppm,  $\mu\text{g/kg}$  = ppb

  
 LQC verified by: Maria Garcia  
 Job Title: Senior Laboratory Analyst  
 Date: 06/25/2025

  
 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 06/25/2025



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: 56.9492 mg/unit

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

TOTAL CBD: 4.3516 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 61.3008 mg/unit

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

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 - 06/25/2025

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
$\Delta^9$ -THC	0.0001 / 0.0011	$\pm 0.00661$	0.1204	0.01151
CBD	0.0003 / 0.0008	$\pm 0.00034$	0.0092	0.00088
$\Delta^8$ -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
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
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
CBN	0.0001 / 0.0005	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			0.1296 mg/mL	0.01239%

Unit Mass: 473 milliliters per Unit / Serving Size: 236.5 milliliters per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	56.9492 mg/unit	PASS
$\Delta^9$ -THC per Serving		28.4746 mg/serving	
Total THC per Unit		56.9492 mg/unit	
Total THC per Serving		28.4746 mg/serving	
CBD per Unit		4.3516 mg/unit	
CBD per Serving		2.1758 mg/serving	
Total CBD per Unit		4.3516 mg/unit	
Total CBD per Serving		2.1758 mg/serving	
Sum of Cannabinoids per Unit		61.3008 mg/unit	
Sum of Cannabinoids per Serving		30.6504 mg/serving	
Total Cannabinoids per Unit		61.3008 mg/unit	
Total Cannabinoids per Serving		30.6504 mg/serving	

DENSITY TEST RESULT

1.0462 g/mL
Tested 06/25/2025
Method: QSP 7870 - Sample Preparation

NOTES

Sample serving mass provided by client. Sample unit mass provided by client.