

**SAMPLE DETAILS**
**SAMPLE NAME: 75mg Full Spectrum CBD Lip Balm (.18oz)**

Infused, Topical

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Oak Creek Hemp Company

**License Number:** USDA\_55\_0117

**Address:** PO Box 655  
 Oak Creek WI 53154

**SAMPLE DETAIL**
**Batch Number:** 333924

**Sample ID:** 241212L073

**Date Collected:** 12/12/2024

**Date Received:** 12/12/2024

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

**Unit Mass:** 4.2 grams per Unit

**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC: 3.205 mg/unit**
**Total CBD: 72.038 mg/unit**
**Sum of Cannabinoids: 81.207 mg/unit**
**Total Cannabinoids: 81.207 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

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

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

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

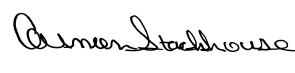

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
**SAFETY ANALYSIS - SUMMARY**
 $\Delta^9\text{-THC}$  per Unit: ✔ PASS

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),  $\mu\text{g/g} = \text{ppm}$ ,  $\mu\text{g/kg} = \text{ppb}$


  
 LQC verified by: Carmen Stackhouse  
 Job Title: Senior Laboratory Analyst  
 Date: 12/16/2024  
 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 12/16/2024



## 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: 3.205 mg/unit

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

### TOTAL CBD: 72.038 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 81.207 mg/unit

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

### TOTAL CBG: 1.903 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 3.305 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.512 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 12/16/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.6398	17.152	1.7152
CBC	0.003 / 0.010	±0.0253	0.787	0.0787
$\Delta^9$ -THC	0.002 / 0.014	±0.0419	0.763	0.0763
CBG	0.002 / 0.006	±0.0220	0.453	0.0453
CBDV	0.002 / 0.012	±0.0050	0.122	0.0122
CBL	0.003 / 0.010	±0.0011	0.031	0.0031
CBN	0.001 / 0.007	±0.0008	0.027	0.0027
$\Delta^8$ -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
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>19.335 mg/g</b>	<b>1.9335%</b>

### Unit Mass: 4.2 grams per Unit

$\Delta^9$ -THC per Unit	1100 per-package limit	3.205 mg/unit	PASS
Total THC per Unit		3.205 mg/unit	
CBD per Unit		72.038 mg/unit	
Total CBD per Unit		72.038 mg/unit	
Sum of Cannabinoids per Unit		81.207 mg/unit	
Total Cannabinoids per Unit		81.207 mg/unit	

### NOTES

Sample unit mass provided by client.