

**SAMPLE NAME: Birdie Wild Berry Lemonade**

Infused, Hemp

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Wild State Cider

**License Number:**
**Address:**

**SAMPLE DETAIL**
**Batch Number:** 2474810.2

**Sample ID:** 241021L061

**Date Collected:** 10/21/2024

**Date Received:** 10/21/2024

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

**Unit Mass:** 350 milliliters per Unit

**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 5.2150 mg/unit

**Total CBD:** Not Detected

**Sum of Cannabinoids:** 5.2150 mg/unit

**Total Cannabinoids:** 5.2150 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:** 1.0061 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.

  
 LOC verified by: Aileen Arreola  
 Job Title: Laboratory Analyst I  
 Date: 10/22/2024

  
 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 10/22/2024

**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: 5.2150 mg/unit

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

### TOTAL CBD: Not Detected

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 5.2150 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 - 10/22/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
$\Delta^9$ -THC	0.0001 / 0.0005	$\pm 0.00082$	0.0149	0.00148
$\Delta^8$ -THC	0.0003 / 0.0008	N/A	ND	ND
THCa	0.0001 / 0.0002	N/A	ND	ND
THCV	0.0001 / 0.0005	N/A	ND	ND
THCVa	0.0001 / 0.0007	N/A	ND	ND
CBD	0.0001 / 0.0004	N/A	ND	ND
CBDa	0.0001 / 0.0010	N/A	ND	ND
CBDV	0.0001 / 0.0005	N/A	ND	ND
CBDVa	0.0001 / 0.0007	N/A	ND	ND
CBG	0.0001 / 0.0002	N/A	ND	ND
CBGa	0.0001 / 0.0003	N/A	ND	ND
CBL	0.0001 / 0.0004	N/A	ND	ND
CBN	0.0001 / 0.0003	N/A	ND	ND
CBC	0.0001 / 0.0004	N/A	ND	ND
CBCa	0.0001 / 0.0006	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>0.0149 mg/mL</b>	<b>0.00148%</b>

## Unit Mass: 350 milliliters per Unit

$\Delta^9$ -THC per Unit	5.2150 mg/unit
Total THC per Unit	5.2150 mg/unit
CBD per Unit	ND
Total CBD per Unit	ND
Sum of Cannabinoids per Unit	5.2150 mg/unit
Total Cannabinoids per Unit	5.2150 mg/unit

## DENSITY TEST RESULT

1.0061 g/mL

Tested 10/22/2024

**Method:** QSP 7870 - Sample Preparation