

**SAMPLE DETAILS**
**SAMPLE NAME: Tide**

Flower, Hemp

**CLIENT**
**Business Name:** Green Hemp Co

**License Number:**
**Address:** PO Box 209  
 Hawk Point MO 63349

**SAMPLE DETAIL**
**Batch Number:** 00207

**Sample ID:** 251216M028

**Date Collected:** 12/16/2025

**Date Received:** 12/16/2025

**Batch Size:**
**Sample Size:**
**Unit Mass:**
**Serving Size:**

 Scan QR code to verify  
 authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

CALCULATED USING DRY-WEIGHT

**Total THC: 41.9530%**
**Total CBD: <LOQ**
**Sum of Cannabinoids: 48.1995%**
**Total Cannabinoids: 42.2709%**

 Total THC/CBD is calculated using the following formulas to take into  
 account the loss of a carboxyl group during the decarboxylation step:

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

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

$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBN} + \text{CBNa} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + (\text{CBN} + 0.877 \cdot \text{CBNa}) \end{aligned}$$
**Moisture: 79.2%**

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.

**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

  
 Approved by: Sam Schumann  
 Laboratory Director  
 Date: 02/12/2026

Amendment to Certificate of Analysis 251216M028-013




## Cannabinoïd Analysis

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

**Method:** (GLB-TM-31) Dry Weight Cannabinoid Potency Determination

**TOTAL THC: 41.9530%**

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

**TOTAL CBD: <LOQ**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 42.2709%**

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

**TOTAL CBG: <LOQ**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: <LOQ**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.3179%**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 12/17/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.072 / 1.514	±34.4426	478.370	47.8370
CBCa	0.031 / 0.607	±0.1084	3.625	0.3625
$\Delta^9$ -THC	0.020 / 1.711	N/A	<LOQ	<LOQ
THCVa	0.025 / 1.335	N/A	<LOQ	<LOQ
CBD	0.082 / 1.711	N/A	<LOQ	<LOQ
CBG	0.046 / 0.376	N/A	<LOQ	<LOQ
CBGa	0.031 / 1.583	N/A	<LOQ	<LOQ
$\Delta^8$ -THC	0.027 / 1.882	N/A	ND	ND
THCV	0.033 / 0.342	N/A	ND	ND
CBDA	0.096 / 1.754	N/A	ND	ND
CBDV	0.062 / 0.402	N/A	ND	ND
CBDVa	0.027 / 0.736	N/A	ND	ND
CBN	0.028 / 0.496	N/A	ND	ND
CBC	0.008 / 0.667	N/A	ND	ND
CBNa	0.026 / 1.078	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>481.995 mg/g</b>	<b>48.1995%</b>

### MOISTURE TEST RESULT

**79.2%**

Tested 12/18/2025

**Method:** Results generated using a non-validated, non-compliant method. For informational purposes only.

### NOTES

Reason for Amendment: Order Detail Information Change