

# Certificate of Analysis

**Sample Name:** Chill State Grapefruit Kush  
**Client:** Fair State Brewing  
**Sample Code:** HEM-260302-006  
**Matrix Name:** Beverage  
**Type / Result:** Compliance - Pass



**Received Date:** Wed, Mar 4, 2026  
**Published Date:** Wed, Mar 11, 2026  
**Batch/Lot Code:** CHS17  
**Batch Size:** N/A  
**Sample Size:** 4U  
**Average Unit Weight:** 355g

## RESULT SUMMARY

Total Cannabinoids	12.20 mg /serv
Total CBD	8.16 mg /serv
Total THC	4.05 mg /serv

POT ✓  
**Cannabinoids**  
Potency

## Approvals

### RESULTS REVIEWED BY:

**Leslie Varela**  
Laboratory Director

Cambium Analytica  
Wednesday, Mar 11, 2026

### RESULTS CERTIFIED BY:

**Douglas Smith**  
VP - Scientific  
Operations

Cambium Analytica  
Wednesday, Mar 11, 2026

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## Lab Information

**Address:** 1230 Woodmere Ave, Traverse City, MI 49686    **Phone:** 231.252.3669    **Accreditation:** ISO/IEC 17025:2017 – #108157



POT

**Cannabinoids - Potency**

LAB-TM-025 - Determination of Potency of Cannabis and Cannabis Infused Products  
 POT-HEM-260302-006-07 - WED, MAR 11, 2026



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
CBD	0.0023 %	0.0230 mg/g	8.16 mg	8.16 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-9 THC	0.0011 %	0.0114 mg/g	4.05 mg	4.05 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBDA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBDV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBG	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBGA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBN	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-8 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
THCA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-9 THCV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Total Cannabinoids*	0.0034 %	0.0344 mg/g	12.20 mg	12.20 mg	N/A	N/A	N/A	N/A
Total CBD*	0.0023 %	0.0230 mg/g	8.16 mg	8.16 mg	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	0.0011 %	0.0114 mg/g	4.05 mg	4.05 mg	N/A	N/A	N/A	N/A
Total THC*	0.0011 %	0.0114 mg/g	4.05 mg	4.05 mg	N/A	N/A	N/A	N/A
Total THCV*	0.0000 %	0.0000 mg/g	0 mg	0 mg	N/A	N/A	N/A	N/A

\*Total Cannabinoids is calculated as the sum of all quantified cannabinoids.

\*Total CBD is calculated as the sum of CBD and 0.877\*(CBDA).

\*Total THC is calculated as the sum of Delta-9 THC, Delta-8 THC, and 0.877\*(THCA).

\*Total THCV is calculated as the sum of Delta-8 THCV and Delta-9 THC.

