Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 07/12/2024

SAMPLE NAME: MKE Pink Burst 7/9/24

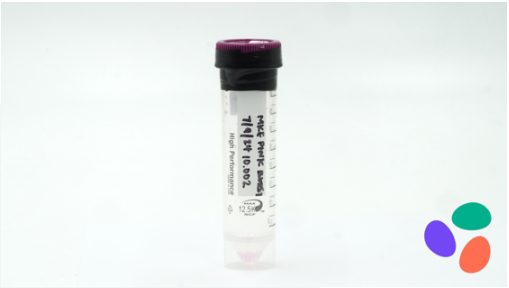
Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Indeed Brewing Company
License Number:
Address:



SAMPLE DETAIL

Batch Number: 10.002
Sample ID: 240710L005

Date Collected: 07/10/2024
Date Received: 07/10/2024
Batch Size:
Sample Size: 1.0 units
Unit Mass: 490 milliliters per Unit
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 9.800 mg/unit

Total CBD: 11.760 mg/unit

Sum of Cannabinoids: 21.560 mg/unit

Total Cannabinoids: 21.560 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 = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^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) + Δ^8-THC + CBL + CBN

Density: 0.9987 g/mL

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 07/12/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 07/12/2024

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: 9.800 mg/unit
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 11.760 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 21.560 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^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 - 07/12/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.0009*	0.024	0.0024
Δ^9-THC	*0.002 / 0.014*	*±0.0011*	0.020	0.0020
Δ^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
CBDV	*0.002 / 0.012*	*N/A*	ND	ND
CBDVa	*0.001 / 0.018*	*N/A*	ND	ND
CBG	*0.002 / 0.006*	*N/A*	ND	ND
CBGa	*0.002 / 0.007*	*N/A*	ND	ND
CBL	*0.003 / 0.010*	*N/A*	ND	ND
CBN	*0.001 / 0.007*	*N/A*	ND	ND
CBC	*0.003 / 0.010*	*N/A*	ND	ND
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
SUM OF CANNABINOIDS			0.044 mg/mL	0.0044%

Unit Mass: 490 milliliters per Unit

Δ^9-THC per Unit	9.800 mg/unit
Total THC per Unit	9.800 mg/unit
CBD per Unit	11.760 mg/unit
Total CBD per Unit	11.760 mg/unit
Sum of Cannabinoids per Unit	21.560 mg/unit
Total Cannabinoids per Unit	21.560 mg/unit

DENSITY TEST RESULT

0.9987 g/mL

Tested 07/12/2024

Method: QSP 7870 - Sample Preparation