SAMPLE NAME: OG

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

SAMPLE DETAIL

Batch Number: 2-B12-C

Sample ID: 240812S004

DISTRIBUTOR / TESTED FOR

Business Name: TONIC

License Number:

Address: 2566 Pennsylvania Ave
Sayre PA 18840

Date Collected: 08/12/2024

Date Received: 08/12/2024

Batch Size: 1.0 units

Sample Size: 1.0 units

Unit Mass: 29 milliliters per Unit

Serving Size:

Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 37.004 mg/unit

Total CBD: 713.313 mg/unit

Sum of Cannabinoids: 794.542 mg/unit

Total Cannabinoids: 794.542 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
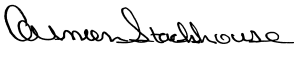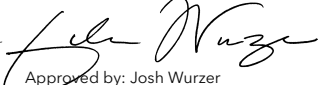
Density: 1.0187 g/mL

LQC verified by: Carmen Stackhouse
Job Title: Senior Laboratory Analyst
Date: 08/16/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 08/16/2024

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

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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: 37.004 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 713.313 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 794.542 mg/unit

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

TOTAL CBG: 13.253 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 25.433 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 3.219 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/16/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.9175	24.597	2.4145
Δ^9-THC	0.002 / 0.014	±0.0701	1.276	0.1253
CBC	0.003 / 0.010	±0.0282	0.877	0.0861
CBG	0.002 / 0.006	±0.0222	0.457	0.0449
CBDV	0.002 / 0.012	±0.0045	0.111	0.0109
CBN	0.001 / 0.007	±0.0014	0.049	0.0048
CBL	0.003 / 0.010	±0.0011	0.031	0.0030
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
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
SUM OF CANNABINOIDS			27.398 mg/mL	2.6895%

Unit Mass: 29 milliliters per Unit

Δ^9-THC per Unit	37.004 mg/unit
Total THC per Unit	37.004 mg/unit
CBD per Unit	713.313 mg/unit
Total CBD per Unit	713.313 mg/unit
Sum of Cannabinoids per Unit	794.542 mg/unit
Total Cannabinoids per Unit	794.542 mg/unit

DENSITY TEST RESULT

1.0187 g/mL

Tested 08/16/2024

Method: QSP 7870 - Sample Preparation