

**SAMPLE NAME:** Gummy 45mg CBN Sleepy  
Infused, Hemp Infused**CULTIVATOR / MANUFACTURER****DISTRIBUTOR / TESTED FOR****Business Name:****License Number:****Address:****SAMPLE DETAIL****Batch Number:****Date Collected:** 01/04/2023**Sample ID:** 230104P006**Date Received:** 01/04/2023**Batch Size:****Sample Size:** 1.0 units**Unit Mass:** 6.6266 grams per Unit**Serving Size:****CANNABINOID ANALYSIS - SUMMARY****Total THC:** 2.598 mg/unit**Total CBD:** 38.640 mg/unit**Sum of Cannabinoids:** 50.16 mg/unit**Total Cannabinoids:** 50.16 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 + CBNTotal Cannabinoids = ( $\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) +

(CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

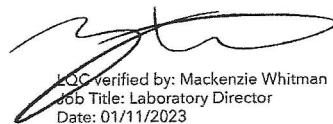
(CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN

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.

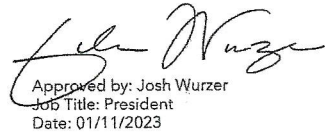
**Sample Certification:** Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

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



LOC verified by: Mackenzie Whitman  
Job Title: Laboratory Director  
Date: 01/11/2023



Approved by: Josh Wurzer  
Job Title: President  
Date: 01/11/2023



### Cannabinoind Analysis

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

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 2.598 mg/unit**

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

**TOTAL CBD: 38.640 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 50.16 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^9$ -THC + CBL + CBN

**TOTAL CBG: 0.848 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.709 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 0.139 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

CANNABINOIND TEST RESULTS - 01/08/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.2175	5.831	0.5831
CBN	0.001 / 0.007	±0.0299	1.041	0.1041
$\Delta^9$ -THC	0.002 / 0.014	±0.0215	0.392	0.0392
CBG	0.002 / 0.006	±0.0062	0.128	0.0128
CBC	0.003 / 0.010	±0.0034	0.107	0.0107
$\Delta^8$ -THC	0.01 / 0.02	±0.002	0.05	0.005
CBDV	0.002 / 0.012	±0.0009	0.021	0.0021
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
CBL	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>7.57 mg/g</b>	<b>0.757%</b>

Unit Mass: 6.6266 grams per Unit

$\Delta^9$ -THC per Unit	2.598 mg/unit
Total THC per Unit	2.598 mg/unit
CBD per Unit	38.640 mg/unit
Total CBD per Unit	38.640 mg/unit
Sum of Cannabinoids per Unit	50.16 mg/unit
Total Cannabinoids per Unit	50.16 mg/unit