

# **Hemp Quality Assurance Testing**

# **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 05/11/2023** 

SAMPLE NAME: SLEEP GUMMY

Infused, Colorado Infused

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number:

Sample ID: 230508P012 Date of Sampling: 05/08/2023 Time of Sampling: 1:35 p.m.

Sampler Name: Sampler Company: **DISTRIBUTOR / TESTED FOR** 

Business Name: Pure Peak Trading

LLC

License Number:

Address:

**Date Collected:** 05/08/2023 **Date Received:** 05/08/2023

Batch Size:

Sample Size: 1.0 units

Unit Mass:

Serving Size: 4.5 grams per Serving





Scan QR code to verify authenticity of results.

#### **CANNABINOID ANALYSIS - SUMMARY**

**Total THC: Not Detected** 

Total CBD: 5.683 mg/g

Sum of Cannabinoids: 6.899 mg/g

Total Cannabinoids: 6.899 mg/g

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 + CBN Total 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: 6 CCR 1010-21 Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations; where applicable

**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.

Approved by: Josh Wurzer Job Title: Chief Compliance Officer Date: 05/11/2023

 $\textbf{References:} \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT) \\$ 



SLEEP GUMMY | DATE ISSUED 05/11/2023



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

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

TOTAL THC: Not Detected Total THC ( $\Delta^9$ -THC+0.877\*THCa)

TOTAL CBD: 5.683 mg/g
Total CBD (CBD+0.877\*CBDa)

## TOTAL CANNABINOIDS: 6.899 mg/g

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$ 

TOTAL CBG: 0.031 mg/g
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: 0.019 mg/g
Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 05/11/2023**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.2120	5.683	0.5683
CBN	0.001 / 0.007	±0.0335	1.166	0.1166
CBG	0.002 / 0.006	±0.0015	0.031	0.0031
CBDV	0.002/0.012	±0.0008	0.019	0.0019
Δ <sup>9</sup> -THC	0.002/0.014	N/A	ND	ND
Δ <sup>8</sup> -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
CBL	0.003 / 0.010	N/A	ND	ND
СВС	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
Total THC		N/A	ND	ND
SUM OF CANNABINOIDS			6.899 mg/g	0.6899%

### Serving Size: 4.5 grams per Serving

$\Delta^9$ -THC per Serving		ND
Total THC per Serving		ND
CBD per Serving		25.574 mg/serving
Total CBD per Serving	/	25.574 mg/serving
Sum of Cannabinoids per Serving		31.046 mg/serving
Total Cannabinoids per Serving		31.047 mg/serving