

## **Hemp Quality Assurance Testing**

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 01/29/2024** 

SAMPLE NAME: D8 D9 Bears

Infused, Hemp

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: IN7113 Sample ID: 240126L040 **DISTRIBUTOR / TESTED FOR** 

Business Name: JNS Premium Brands

IIC.

License Number:

Address:

Date Collected: 01/26/2024 Date Received: 01/26/2024

Batch Size:

Sample Size: 1.0 units

Unit Mass:

Serving Size: 3.5 grams per Serving





Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 3.711 mg/g

Total CBD: 3.338 mg/g

Sum of Cannabinoids: 13.83 mg/g

Total Cannabinoids: 13.83 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.

LQC verified by: Carmen Stackhouse Job Title: Senior Laboratory Analyst Date: 01/29/2024

Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 01/29/2024

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: 3.711 mg/g Total THC ( $\Delta^9$ -THC+0.877\*THCa)

TOTAL CBD: 3.338 mg/g
Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 13.83 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: <LOQ
Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: 0.018 mg/g
Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: ND
Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 0.021 mg/g
Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 01/29/2024**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ <sup>8</sup> -THC	0.01 / 0.02	±0.331	6.72	0.672
Δ <sup>9</sup> -THC	0.002/0.014	±0.2037	3.711	0.3711
CBD	0.004 / 0.011	±0.1245	3.338	0.3338
CBDV	0.002/0.012	±0.0009	0.021	0.0021
CBN	0.001 / 0.007	±0.0006	0.021	0.0021
THCV	0.002/0.012	±0.0009	0.018	0.0018
CBG	0.002 / 0.006	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THCa	0.001 / 0.005	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
SUM OF CANNABINOIDS			13.83 mg/g	1.383%

### Serving Size: 3.5 grams per Serving

$\Delta^9$ -THC per Serving	12.989 mg/serving
Total THC per Serving	12.989 mg/serving
CBD per Serving	11.683 mg/serving
Total CBD per Serving	11.683 mg/serving
Sum of Cannabinoids per Serving	48.41 mg/serving
Total Cannabinoids per Serving	48.41 mg/serving