

**SAMPLE NAME: Peanut Butter Pet Treat**

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** New York Hemp Oil

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** PB22012A99

**Sample ID:** 220926N005

**Date Collected:** 09/26/2022

**Date Received:** 09/26/2022

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 99.2 grams per Unit

**Serving Size:** 3.3067 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC: 4.861 mg/unit**
**Total CBD: 164.176 mg/unit**
**Sum of Cannabinoids: 177.469 mg/unit**
**Total Cannabinoids: 177.470 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} (0.877))$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} (0.877))$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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)




 LQC verified by: Anastasia Rejniak  
Date: 09/29/2022

 Approved by: Josh Wurzer, President  
Date: 09/29/2022



## 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: 4.861 mg/unit

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

### TOTAL CBD: 164.176 mg/unit

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 177.470 mg/unit

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

### TOTAL CBG: 2.282 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 4.762 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 1.389 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 09/29/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.0617	1.655	0.1655
$\Delta^9$ -THC	0.002 / 0.014	±0.0027	0.049	0.0049
CBC	0.003 / 0.010	±0.0015	0.048	0.0048
CBG	0.002 / 0.006	±0.0011	0.023	0.0023
CBDV	0.002 / 0.012	±0.0006	0.014	0.0014
CBN	0.001 / 0.007	N/A	<LOQ	<LOQ
$\Delta^8$ -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
CBL	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>1.789 mg/g</b>	<b>0.1789%</b>

## Unit Mass: 99.2 grams per Unit / Serving Size: 3.3067 grams per Serving

$\Delta^9$ -THC per Unit	4.861 mg/unit
$\Delta^9$ -THC per Serving	0.162 mg/serving
Total THC per Unit	4.861 mg/unit
Total THC per Serving	0.162 mg/serving
CBD per Unit	164.176 mg/unit
CBD per Serving	5.473 mg/serving
Total CBD per Unit	164.176 mg/unit
Total CBD per Serving	5.473 mg/serving
Sum of Cannabinoids per Unit	177.469 mg/unit
Sum of Cannabinoids per Serving	5.916 mg/serving
Total Cannabinoids per Unit	177.470 mg/unit
Total Cannabinoids per Serving	5.916 mg/serving