

# **Hemp Quality Assurance Testing**

## **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 11/07/2024** 

SAMPLE NAME: 420710

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

**Batch Number:** Purple Haze **Sample ID:** 241107K151

**DISTRIBUTOR / TESTED FOR** 

Business Name: Grannys License Number:

Address:

Date Collected: 11/07/2024 Date Received: 11/07/2024

Batch Size:

Sample Size: 1.0 units

Unit Mass: 355 milliliters per Unit

Serving Size: 177.5 milliliters per Serving







Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 10.8985 mg/unit

Total CBD: <LOQ

Sum of Cannabinoids: 11.1115 mg/unit

Total Cannabinoids: 11.1115 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 =  $\Delta^{0}$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

 $\label{eq:Sum} Sum of Cannabinoids = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877\text{+THCa}) + (\text{CBD} + 0.877\text{+CBDa}) + (\text{CBG} + 0.877\text{+CBGa}) + (\text{THCV} + 0.877\text{+THCVa}) + (\text{CBC} + 0.877\text{+CBCa}) + (\text{CBC} + 0.877$ 

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

Density: 1.0282 g/mL

**SAFETY ANALYSIS - SUMMARY** 

 $\Delta^9$ -THC per Unit:  $\bigcirc$  PASS

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: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**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.

LOC verified by: Matthew Schneider Job Title: Laboratory Analyst I Date: 11/07/2024 Approved by: Josh Wurzer

Job Title: Chief Compliance Officer

Date: 11/07/2024

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: 10.8985 mg/unit

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

TOTAL CBD: <LOQ
Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 11.1115 mg/unit

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

TOTAL CBG: 0.2130 mg/unit

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: ND

Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 11/07/2024**

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
∆ <sup>9</sup> -THC	0.0001 / 0.0005	±0.00169	0.0307	0.00299
CBG	0.0001 / 0.0002	±0.00003	0.0006	0.00006
CBD	0.0001 / 0.0004	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
$\Delta^8$ -THC	0.0003 / 0.0008	N/A	ND	ND
THCa	0.0001 / 0.0002	N/A	ND	ND
THCV	0.0001 / 0.0005	N/A	ND	ND
THCVa	0.0001 / 0.0007	N/A	ND	ND
CBDa	0.0001/0.0010	N/A	ND	ND
CBDV	0.0001 / 0.0005	N/A	ND	ND
CBDVa	0.0001 / 0.0007	N/A	ND	ND
CBGa	0.0001 / 0.0003	N/A	ND	ND
CBL	0.0001 / 0.0004	N/A	ND	ND
CBN	0.0001 / 0.0003	N/A	ND	ND
СВС	0.0001 / 0.0004	N/A	ND	ND
CBCa	0.0001 / 0.0006	N/A	ND	ND
SUM OF CANNABINOIDS			0.0313 mg/mL	0.00304%

### Unit Mass: 355 milliliters per Unit / Serving Size: 177.5 milliliters per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	10.8985 mg/unit PASS	
$\Delta^9$ -THC per Serving		5.4493 mg/serving	
Total THC per Unit		10.8985 mg/unit	
Total THC per Serving		5.4493 mg/serving	
CBD per Unit		<loq< th=""><th></th></loq<>	
CBD per Serving		<loq< th=""><th></th></loq<>	
Total CBD per Unit		<loq< th=""><th></th></loq<>	
Total CBD per Serving		<loq< th=""><th></th></loq<>	
Sum of Cannabinoids per Unit		11.1115 mg/unit	
Sum of Cannabinoids per Serving	5.5558 mg/serving		
Total Cannabinoids per Unit		11.1115 mg/unit	
Total Cannabinoids per Serving		5.5558 mg/serving	

## **DENSITY TEST RESULT**

NOTES

1.0282 g/mL

Tested 11/07/2024

**Method:** QSP 7870 - Sample Preparation