

Hemp Quality Assurance Testing **CERTIFICATE OF ANALYSIS**

DATE ISSUED 07/31/2023

SAMPLE NAME: GRP 30ml Hemp Extract Natural Tincture Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name: License Number: Address:

SAMPLE DETAIL

DISTRIBUTOR / TESTED FOR

Business Name: Carolina Botanical Development License Number:

Address: 131 Preamble Court Anderson SC 29621

Batch Number: PR.230724 Sample ID: 230728M065

Date Collected: 07/28/2023 Date Received: 07/28/2023 Batch Size: Sample Size: 1.0 units Unit Mass: 30 milliliters per Unit Serving Size: 1 milliliters per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 55.620 mg/unit Total CBD: 1658.940 mg/unit Total Cannabinoids: 1838.790 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 = Δ^9 -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + Sum of Cannabinoids: 1842.540 mg/unit THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^{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) + $(CBDV+0.877*CBDVa) + \Delta^8-THC + CBL + CBN$

Density: 0.9513 g/mL

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: **PASS**

 Δ^9 -THC per Serving: **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.

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



Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 07/31/2023

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Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS



GRP 30ML HEMP EXTRACT NATURAL TINCTURE | DATE ISSUED 07/31/2023

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: 55.620 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1658.940 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1838.790 mg/unit

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

TOTAL CBG: 31.950 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 78.030 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 8.310 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/31/2023

| COMPOUND | LOD/LOQ (mg/mL) | MEASUREMENT UNCERTAINTY (mg/mL) | RESULT (mg/mL) | RESULT (%) |
|---------------------|--------------------|------------------------------------|---|---------------------|
| CBD | 0.004/0.011 | ±2.0293 | 54.404 | 5.7189 |
| CBC | 0.003/0.010 | ±0.0838 | 2.601 | 0.2734 |
| ∆ ⁹ -THC | 0.002/0.014 | ±0.1018 | 1.854 | 0.1949 |
| CBG | 0.002/0.006 | ±0.0517 | 1.065 | 0.1120 |
| CBDa | 0.001/0.026 | ±0.0289 | 1.019 | 0.1071 |
| CBDV | 0.002/0.012 | ±0.0113 | 0.277 | 0.0291 |
| CBN | 0.001/0.007 | ±0.0030 | 0.104 | 0.0109 |
| CBL | 0.003/0.010 | ±0.0035 | 0.094 | 0.0099 |
| CBCa | 0.001/0.015 | N/A | <loq< th=""><th><loq< th=""></loq<></th></loq<> | <loq< th=""></loq<> |
| ∆ 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 |
| CBDVa | 0.001/0.018 | N/A | ND | ND |
| CBGa | 0.002/0.007 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 61.418 mg/mL | 6.4562% |

Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

| Δ^9 -THC per Unit | 110 per-package limit | 55.620 mg/unit | PASS |
|---------------------------------|-----------------------|-------------------|------|
| Δ^9 -THC per Serving | | 1.854 mg/serving | PASS |
| Total THC per Unit | | 55.620 mg/unit | |
| Total THC per Serving | | 1.854 mg/serving | |
| CBD per Unit | | 1632.120 mg/unit | |
| CBD per Serving | | 54.404 mg/serving | |
| Total CBD per Unit | | 1658.940 mg/unit | |
| Total CBD per Serving | | 55.298 mg/serving | |
| Sum of Cannabinoids per Unit | | 1842.540 mg/unit | |
| Sum of Cannabinoids per Serving | | 61.418 mg/serving | |
| Total Cannabinoids per Unit | | 1838.790 mg/unit | |
| Total Cannabinoids per Serving | | 61.293 mg/serving | |

DENSITY TEST RESULT

0.9513 g/mL

Tested 07/31/2023

Method: QSP 7870 - Sample Preparation