LEXIA LABS
Custom Formulating Experts

367 Riverside Drive

Franklin, Tennessee 37064

Tel: (615) 933-0599

# Certificate of Analysis

# (Representative Sample Certificate)

Product: The Original #12

Lot Number: Not Available (data may vary slightly with different lots or batches)

Manufacture Date: June 2022 Expiration Date: June 2024

| Parameter | Specification | Result |
|---|---|---|
| Cannabidiol (CBD) Concentration | ≥750mg/oz | Conforms |
| Appearance | Off-white | Conforms |
| pH | 4.2 – 4.8 | Conforms |

## Cannabinoid Profile & Potency

Sample analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

| Cannabinoid | Specification | Result |
|---|---|---|
| Δ9-THC | Non Detect | Conforms |
| THCV | Non Detect | Conforms |
| CBD | ≥26.46mg/g | Conforms |
| CBDV | ≤0.3mg/g | Conforms |
| CBG | Non Detect | Conforms |
| CBC | Non Detect | Conforms |
| CBN | Non Detect | Conforms |
| THCA | Non Detect | Conforms |
| CBDA | Non Detect | Conforms |
| CBGA | Non Detect | Conforms |
| CBDVA | Non Detect | Conforms |
| Δ8-THC | Non Detect | Conforms |
| Exo-THC | Non Detect | Conforms |
| Total CBD | ≥26.46mg/g | Conforms |
| Total THC | Non Detect | Conforms |

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## Heavy Metal Analysis

This test method was performed in accordance with the requirements of ISO/IEC 17025.

| Metal | Limit (µg/kg) | Result |
|---|---|---|
| Arsenic | 1500 | Conforms |
| Cadmium | 500 | Conforms |
| Mercury | 1500 | Conforms |
| Lead | 1000 | Conforms |

USP exposure limits based on daily oral dosing of 1g of concentrate for a 110lb person

## Microbiological Contaminants

This test method was performed in accordance with the requirements of ISO/IEC 17025

| Analysis | Specification | Result |
|---|---|---|
| Total Aerobic Bacterial Count | <100 CFU/g | Conforms |
| Total Coliform Bacterial Count | <100 CFU/g | Conforms |
| Total Bile Tolerant Gram Negative Count | <100 CFU/g | Conforms |
| Total Yeast and Mold | <100 CFU/g | Conforms |

Recommended limits established by the American Herbal Pharmacopoeia (AHP) monograph for Cannabis Inflorescence [2013], for consumable botanical products, including processed and unprocessed cannabis materials and solvent based extracts. Note: All recorded Microbiological tests are within the established limits.

## Analysis of Volatile Organic Compounds

The sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations

| Compound | Limit (ppm) | Result |
|---|---|---|
| Propane | 1000 | Conforms |
| Isobutane | 1000 | Conforms |
| Butane | 1000 | Conforms |
| Methanol | 3000 | Conforms |
| Pentane | 5000 | Conforms |
| Ethanol | 5000 | Conforms |
| Acetone | 5000 | Conforms |
| Isopropanol | 5000 | Conforms |
| Acetonitrile | 410 | Conforms |
| Hexane | 290 | Conforms |
| Heptane | 5000 | Conforms |

Limits based on USP recommended limits for residual solvents, adopted by the Massachusetts Department of Public Health for Cannabis concentrates and extracts on 3/31/16. Butane/Propane limits are based on limits established for the state of Colorado

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## Pesticide Analysis

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662)

| Analyte | Limit (ppb) | Result |
|---|---|---|
| Abamectin | 10 | Conforms |
| Azoxystrobin | 100 | Conforms |
| Bifenazate | 100 | Conforms |
| Bifenthrin | 3000 | Conforms |
| Cyfluthrin | 2000 | Conforms |
| Dichlorvos | 10 | Conforms |
| Etoxazole | 100 | Conforms |
| Fenoxycarb | 10 | Conforms |
| Imazalil | 10 | Conforms |
| Imidacloprid | 5000 | Conforms |
| Myclobutanil | 100 | Conforms |
| Paclobutrazol | 10 | Conforms |
| Piperonyl butoxide | 3000 | Conforms |
| Pyrethrin | 10 | Conforms |
| Spinosad | 10 | Conforms |
| Spiomesifen | 100 | Conforms |
| Spirotetramat | 100 | Conforms |
| Trifloxystrobin | 100 | Conforms |

Pesticide results reported against action limits established by the State of California Bureau of Cannabis Control. California Code of Regulations Title 16, Division 42.