

SAMPLE NAME: Cereal Milk
Flower, Inhalable

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR

Business Name:
License Number:
Address:

SAMPLE DETAIL

Batch Number:
Sample ID: 240724R008
Source Metrc UID:

Date Collected: 07/24/2024
Date Received: 07/25/2024
Batch Size: 22679.6 grams
Sample Size: 80.0 grams
Unit Mass:
Serving Size:



Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches

CANNABINOID ANALYSIS - SUMMARY

CALCULATED USING DRY-WEIGHT

Sum of Cannabinoids: **27.366%**

Total Cannabinoids: **26.4473%**

Total THC: **25.8385%**

Total CBD: **0.2523%**

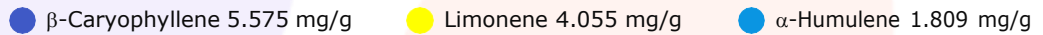
Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN
 Total Cannabinoids = $(\Delta^9$ -THC+0.877*THCa+ Δ^8 -THC) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + CBL + CBN
 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)) + Δ^8 -THC
 Total CBD = CBD + (CBDa (0.877))

Moisture: 11.7%

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: **1.839%**



SAFETY ANALYSIS - SUMMARY

Pesticides: ✔ PASS

Mycotoxins: ✔ PASS

Heavy Metals: ✔ PASS

Microbiology: ✔ PASS

Foreign Material: ✔ PASS

Water Activity: ✔ PASS

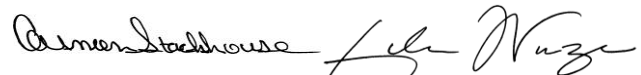
These results relate only to the sample included on this report.

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)



All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, as attested by:
 Carmen Stackhouse
 Job Title: Senior Laboratory Analyst
 Date: 07/27/2024

Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 07/27/2024

CANNABINOID TEST RESULTS - 07/25/2024

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). Calculated using Dry-Weight. **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: 26.4473%
 Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + CBL + CBN

TOTAL CBG: 1.2629%
 Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.0936%
 Total THCV (THCV+0.877*THCVa)

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

TOTAL CBDV: ND
 Total CBDV (CBDV+0.877*CBDVa)

TOTAL THC: 25.8385%
 Total THC (Δ^9 -THC+0.877*THCa+ Δ^8 -THC)

TOTAL CBD: 0.2523%
 Total CBD (CBD+0.877*CBDa)

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|--------------------|----------------|
| THCa | 0.062 / 0.250 | ±4.6856 | 253.275 | 25.3275 |
| Δ^9 -THC | 0.047 / 0.250 | ±1.2457 | 2.263 | .2263 |
| CBGa | 0.040 / 0.250 | ±0.3539 | 12.595 | 1.2595 |
| CBDa | 0.031 / 0.250 | ±0.0524 | 2.877 | 0.2877 |
| CBG | 0.037 / 0.250 | ±0.0206 | 1.583 | 0.1583 |
| THCVa | 0.040 / 0.250 | ±0.0096 | 1.067 | 0.1067 |
| Δ^8 -THC | 0.075 / 0.250 | N/A | ND | ND |
| THCV | 0.052 / 0.250 | N/A | ND | ND |
| CBD | 0.062 / 0.250 | N/A | ND | ND |
| CBDV | 0.044 / 0.250 | N/A | ND | ND |
| CBDVa | 0.017 / 0.250 | N/A | ND | ND |
| CBL | 0.126 / 0.382 | N/A | ND | ND |
| CBN | 0.033 / 0.250 | N/A | ND | ND |
| CBC | 0.072 / 0.250 | N/A | ND | ND |
| CBCa | 0.199 / 0.500 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 273.66 mg/g | 27.366% |

MOISTURE TEST RESULT

11.7%

Tested 07/26/2024
 Method: QSP 1224 -
 Loss on Drying (Moisture)

TERPENOID TEST RESULTS - 07/26/2024

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID). **Method:** QSP 1192 - Analysis of Terpenoids by GC-FID

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|------------------------|----------------|--------------------------------|---------------|------------|
| β -Caryophyllene | 0.004 / 0.013 | ±0.2999 | 5.575 | 0.5575 |
| Limonene | 0.005 / 0.016 | ±0.1322 | 4.055 | 0.4055 |
| α -Humulene | 0.009 / 0.031 | ±0.0973 | 1.809 | 0.1809 |
| Linalool | 0.009 / 0.030 | ±0.0685 | 1.743 | 0.1743 |
| α -Bisabolol | 0.008 / 0.026 | ±0.0367 | 0.853 | 0.0853 |
| β -Pinene | 0.004 / 0.015 | ±0.0221 | 0.684 | 0.0684 |
| α -Pinene | 0.005 / 0.015 | ±0.0241 | 0.673 | 0.0673 |

TERPENOID TEST RESULTS - 07/26/2024 continued

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------------|----------------|--------------------------------|--------------------|---------------|
| Terpineol | 0.008 / 0.025 | ±0.0350 | 0.572 | 0.0572 |
| Valencene | 0.010 / 0.033 | ±0.0283 | 0.549 | 0.0549 |
| Fenchol | 0.009 / 0.029 | ±0.0183 | 0.496 | 0.0496 |
| Myrcene | 0.007 / 0.025 | ±0.0093 | 0.263 | 0.0263 |
| Nerolidol | 0.006 / 0.020 | ±0.0141 | 0.178 | 0.0178 |
| Caryophyllene Oxide | 0.011 / 0.038 | ±0.0102 | 0.172 | 0.0172 |
| β -Ocimene | 0.005 / 0.018 | ±0.0051 | 0.131 | 0.0131 |
| trans- β -Farnesene | 0.008 / 0.028 | ±0.0070 | 0.123 | 0.0123 |
| Camphene | 0.004 / 0.014 | ±0.0036 | 0.112 | 0.0112 |
| Borneol | 0.004 / 0.014 | ±0.0049 | 0.104 | 0.0104 |
| Fenchone | 0.008 / 0.026 | ±0.0031 | 0.083 | 0.0083 |
| Eucalyptol | 0.005 / 0.018 | ±0.0023 | 0.058 | 0.0058 |
| Terpinolene | 0.008 / 0.027 | ±0.0008 | 0.055 | 0.0055 |
| Sabinene Hydrate | 0.007 / 0.022 | ±0.0013 | 0.034 | 0.0034 |
| Citronellol | 0.003 / 0.010 | ±0.0008 | 0.028 | 0.0028 |
| Geraniol | 0.002 / 0.007 | ±0.0015 | 0.028 | 0.0028 |
| Nerol | 0.003 / 0.011 | ±0.0004 | 0.012 | 0.0012 |
| γ -Terpinene | 0.005 / 0.018 | N/A | <LOQ | <LOQ |
| Guaiol | 0.011 / 0.035 | N/A | <LOQ | <LOQ |
| Sabinene | 0.004 / 0.014 | N/A | ND | ND |
| α -Phellandrene | 0.006 / 0.019 | N/A | ND | ND |
| Δ^3 -Carene | 0.005 / 0.018 | N/A | ND | ND |
| α -Terpinene | 0.006 / 0.019 | N/A | ND | ND |
| p-Cymene | 0.005 / 0.015 | N/A | ND | ND |
| Isopulegol | 0.004 / 0.013 | N/A | ND | ND |
| Camphor | 0.005 / 0.015 | N/A | ND | ND |
| Isoborneol | 0.003 / 0.011 | N/A | ND | ND |
| Menthol | 0.008 / 0.025 | N/A | ND | ND |
| Pulegone | 0.003 / 0.010 | N/A | ND | ND |
| Geranyl Acetate | 0.004 / 0.012 | N/A | ND | ND |
| α -Cedrene | 0.005 / 0.017 | N/A | ND | ND |
| Cedrol | 0.009 / 0.032 | N/A | ND | ND |
| TOTAL TERPENOIDS | | | 18.390 mg/g | 1.839% |

CATEGORY 1 PESTICIDE TEST RESULTS - 07/27/2024 ✔ PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated. Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|-------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Aldicarb | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Carbofuran | 0.02 / 0.05 | ≥ LOD | N/A | ND | PASS |
| Chlordane* | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Chlorfenapyr* | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| Chlorpyrifos | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Coumaphos | 0.02 / 0.07 | ≥ LOD | N/A | ND | PASS |
| Daminozide | 0.02 / 0.07 | ≥ LOD | N/A | ND | PASS |
| Dichlorvos (DDVP) | 0.03 / 0.09 | ≥ LOD | N/A | ND | PASS |
| Dimethoate | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Ethoprophos | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| Etofenprox | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Fenoxycarb | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Fipronil | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Imazalil | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Methiocarb | 0.02 / 0.07 | ≥ LOD | N/A | ND | PASS |
| Parathion-methyl | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| Mevinphos | 0.03 / 0.09 | ≥ LOD | N/A | ND | PASS |
| Paclobotrazol | 0.02 / 0.05 | ≥ LOD | N/A | ND | PASS |
| Propoxur | 0.03 / 0.09 | ≥ LOD | N/A | ND | PASS |
| Spiroxamine | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Thiacloprid | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |

CATEGORY 2 PESTICIDE TEST RESULTS - 07/27/2024 *continued*

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Cyfluthrin | 0.12 / 0.38 | 2 | N/A | ND | PASS |
| Cypermethrin | 0.11 / 0.32 | 1 | N/A | ND | PASS |
| Diazinon | 0.02 / 0.05 | 0.1 | N/A | ND | PASS |
| Dimethomorph | 0.03 / 0.09 | 2 | N/A | ND | PASS |
| Etozazole | 0.02 / 0.06 | 0.1 | N/A | ND | PASS |
| Fenhexamid | 0.03 / 0.09 | 0.1 | N/A | ND | PASS |
| Fenpyroximate | 0.02 / 0.06 | 0.1 | N/A | ND | PASS |
| Fonicamid | 0.03 / 0.10 | 0.1 | N/A | ND | PASS |
| Fludioxonil | 0.03 / 0.10 | 0.1 | N/A | ND | PASS |
| Hexythiazox | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Imidacloprid | 0.04 / 0.11 | 5 | N/A | ND | PASS |
| Kresoxim-methyl | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Malathion | 0.03 / 0.09 | 0.5 | N/A | ND | PASS |
| Metalaxyl | 0.02 / 0.07 | 2 | N/A | ND | PASS |
| Methomyl | 0.03 / 0.10 | 1 | N/A | ND | PASS |
| Myclobutanil | 0.03 / 0.09 | 0.1 | N/A | ND | PASS |
| Naled | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Oxamyl | 0.04 / 0.11 | 0.5 | N/A | ND | PASS |
| Pentachloronitrobenzene* | 0.03 / 0.09 | 0.1 | N/A | ND | PASS |
| Permethrin | 0.04 / 0.12 | 0.5 | N/A | ND | PASS |
| Phosmet | 0.03 / 0.10 | 0.1 | N/A | ND | PASS |
| Piperonyl Butoxide | 0.02 / 0.07 | 3 | N/A | ND | PASS |
| Prallethrin | 0.03 / 0.08 | 0.1 | N/A | ND | PASS |
| Propiconazole | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Pyrethrins | 0.04 / 0.12 | 0.5 | N/A | ND | PASS |
| Pyridaben | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Spinetoram | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Spinosad | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Spiromesifen | 0.02 / 0.05 | 0.1 | N/A | ND | PASS |
| Spirotetramat | 0.02 / 0.06 | 0.1 | N/A | ND | PASS |
| Tebuconazole | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Thiamethoxam | 0.03 / 0.10 | 5 | N/A | ND | PASS |
| Trifloxystrobin | 0.03 / 0.08 | 0.1 | N/A | ND | PASS |

CATEGORY 2 PESTICIDE TEST RESULTS - 07/27/2024 ✔ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Abamectin | 0.03 / 0.10 | 0.1 | N/A | ND | PASS |
| Acephate | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Acequinocyl | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Acetamiprid | 0.02 / 0.05 | 0.1 | N/A | ND | PASS |
| Azoxystrobin | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Bifenazate | 0.01 / 0.04 | 0.1 | N/A | ND | PASS |
| Bifenthrin | 0.02 / 0.05 | 3 | N/A | ND | PASS |
| Boscalid | 0.03 / 0.09 | 0.1 | N/A | ND | PASS |
| Captan | 0.19 / 0.57 | 0.7 | N/A | ND | PASS |
| Carbaryl | 0.02 / 0.06 | 0.5 | N/A | ND | PASS |
| Chlorantraniliprole | 0.04 / 0.12 | 10 | N/A | ND | PASS |
| Clofentezine | 0.03 / 0.09 | 0.1 | N/A | ND | PASS |

MYCOTOXIN TEST RESULTS - 07/27/2024 ✔ PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

| COMPOUND | LOD/LOQ (µg/kg) | ACTION LIMIT (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) | RESULT |
|-----------------|-----------------|----------------------|---------------------------------|----------------|--------|
| Aflatoxin B1 | 2.0 / 6.0 | | N/A | ND | |
| Aflatoxin B2 | 1.8 / 5.6 | | N/A | ND | |
| Aflatoxin G1 | 1.0 / 3.1 | | N/A | ND | |
| Aflatoxin G2 | 1.2 / 3.5 | | N/A | ND | |
| Total Aflatoxin | | 20 | | ND | PASS |
| Ochratoxin A | 6.3 / 19.2 | 20 | N/A | ND | PASS |

HEAVY METALS TEST RESULTS - 07/26/2024 ✔ PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). **Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|--------------------------------|---------------|--------|
| Arsenic | 0.02 / 0.1 | 0.2 | N/A | <LOQ | PASS |
| Cadmium | 0.02 / 0.05 | 0.2 | N/A | <LOQ | PASS |
| Lead | 0.04 / 0.1 | 0.5 | N/A | <LOQ | PASS |
| Mercury | 0.002 / 0.01 | 0.1 | N/A | <LOQ | PASS |

MICROBIOLOGY TEST RESULTS - 07/27/2024 ✔ PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. **Method:** QSP 1221 - Analysis of Microbiological Contaminants

| COMPOUND | ACTION LIMIT | RESULT | RESULT |
|---|--------------------|--------|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | Not Detected in 1g | ND | PASS |
| <i>Salmonella</i> spp. | Not Detected in 1g | ND | PASS |
| <i>Aspergillus fumigatus</i> | Not Detected in 1g | ND | PASS |
| <i>Aspergillus flavus</i> | Not Detected in 1g | ND | PASS |
| <i>Aspergillus niger</i> | Not Detected in 1g | ND | PASS |
| <i>Aspergillus terreus</i> | Not Detected in 1g | ND | PASS |

FOREIGN MATERIAL TEST RESULTS - 07/26/2024 ✔ PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. **Method:** QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

| COMPOUND | ACTION LIMIT | RESULT | RESULT |
|---|-----------------|--------|--------|
| Total Sample Area Covered by Sand, Soil, Cinders, or Dirt | >25% | None | PASS |
| Total Sample Area Covered by Mold | >25% | None | PASS |
| Total Sample Area Covered by an Imbedded Foreign Material | >25% | None | PASS |
| Insect Fragment Count | > 1 per 3 grams | 0.0 | PASS |
| Hair Count | > 1 per 3 grams | 0.0 | PASS |
| Mammalian Excreta Count | > 1 per 3 grams | 0.0 | PASS |

WATER ACTIVITY TEST RESULTS - 07/25/2024 ✔ PASS

Method: QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

| COMPOUND | LOD/LOQ (Aw) | ACTION LIMIT (Aw) | MEASUREMENT UNCERTAINTY (Aw) | RESULT (Aw) | RESULT |
|----------------|--------------|-------------------|------------------------------|-------------|--------|
| Water Activity | 0.030 / 0.15 | 0.65 | ±0.003 | 0.50 | PASS |