



Certificate of Analysis

Groove Solventless

Sample: 2409FID4600.30007

Strain: Papaya Runtz

Batch #: 2; Lot #:

METRC Batch: 1A408010000CABD000000921; METRC Sample: 1A4080100013EC1000004541

Analysis Initiated: 09/04/2024; Report Created: 09/09/2024

Sampling SOP: SOP-0050

Papaya Runtz Flower (HB73)

Plant, Flower - Cured, Indoor

Harvest/Production Date: 08/09/2024



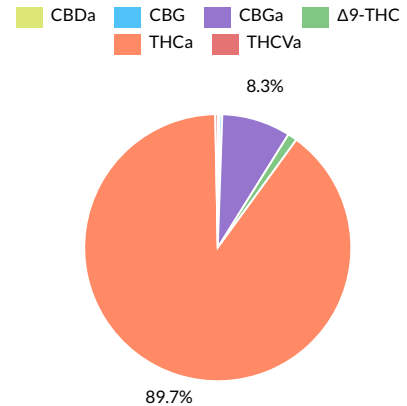
| | | | |
|--|---|-------------------------------------|-----------------------------------|
| | 29.43% Total Potential Psychoactive THC | 0.08% Total CBD | Pass Foreign Matter |
| | 33.50% Total Raw THC | 36.89% Total Cannabinoids | Pass 10.85% Moisture |

Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 08202024

| Analyte | LOQ | Mass | Mass |
|--------------|------|--------------|--------------|
| | % | % | mg/g |
| THCa | 0.05 | 33.08 | 330.8 |
| Δ9-THC | 0.05 | 0.42 | 4.2 |
| Δ8-THC | 0.05 | ND | ND |
| THCVa | 0.05 | 0.11 | 1.1 |
| THCV | 0.05 | ND | ND |
| CBDa | 0.05 | 0.09 | 0.9 |
| CBD | 0.05 | ND | ND |
| CBN | 0.05 | ND | ND |
| CBGa | 0.05 | 3.07 | 30.7 |
| CBG | 0.05 | 0.11 | 1.1 |
| CBC | 0.05 | ND | ND |
| Total | | 36.89 | 368.9 |



Total Potential Psychoactive THC = THCa * 0.877 + d9-THC | Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected.

SOP-0041: Full spectrum cannabinoid analysis by High Performance Liquid Chromatography with UV detection (HPLC-UV). Reported result is based on sample dry weight. SOP-0035:

Foreign matter inspection includes but is not limited to hair, insects, stems, seeds, and feces. SOP-0036: Moisture analysis. Testing listed above may not be included in our current PJLA scope of accreditation. Please consult PJLA Certificate# 102722 for a list of current accredited tests.



Fidelity Diagnostics Laboratory
216 Trade St.
Missoula, MT 59808
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<http://www.fdimt.com>
License # L-100170-003



Andre Umansky
Laboratory Director

Accredited to ISO/IEC 17025:2017
Accreditation #: 102722

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Testing performed onsite at Fidelity Diagnostics using valid testing methodologies and a quality system as required by state law. Fidelity Diagnostics makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. Results valid only for item tested. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Certificate shall not be reproduced, without written approval by the laboratory. Quality and uncertainty data available upon request. Sample conformity is set by the state of Montana. Version No. 001



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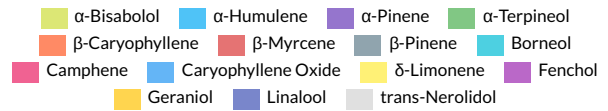
Plant, Flower - Cured, Indoor
Harvest/Production Date: 08/09/2024



Terpenes

Analytical Calibration Batch: Terpenes 07/26/2024

| Analyte | LOQ | Result | Result |
|---------------------|-------|--------------|--------------|
| | % | % | mg/g |
| β-Caryophyllene | 0.008 | 0.946 | 9.46 |
| Linalool | 0.008 | 0.503 | 5.03 |
| δ-Limonene | 0.008 | 0.496 | 4.96 |
| α-Humulene | 0.008 | 0.385 | 3.85 |
| trans-Nerolidol | 0.008 | 0.089 | 0.89 |
| α-Bisabolol | 0.008 | 0.068 | 0.68 |
| β-Pinene | 0.008 | 0.066 | 0.66 |
| Geraniol | 0.008 | 0.046 | 0.46 |
| β-Myrcene | 0.008 | 0.044 | 0.44 |
| α-Pinene | 0.008 | 0.040 | 0.40 |
| α-Terpeneol | 0.005 | 0.040 | 0.40 |
| Fenchol | 0.003 | 0.035 | 0.35 |
| Caryophyllene Oxide | 0.008 | 0.027 | 0.27 |
| Camphene | 0.008 | 0.016 | 0.16 |
| Borneol | 0.003 | 0.013 | 0.13 |
| α-Phellandrene | 0.003 | ND | ND |
| α-Terpinene | 0.008 | ND | ND |
| cis-Nerolidol | 0.008 | ND | ND |
| δ-3-Carene | 0.008 | ND | ND |
| Eucalyptol | 0.008 | ND | ND |
| γ-Terpinene | 0.008 | ND | ND |
| Geranyl Acetate | 0.003 | ND | ND |
| Guaiol | 0.008 | ND | ND |
| Isopulegol | 0.008 | ND | ND |
| Ocimene | 0.008 | ND | ND |
| p-Cymene | 0.008 | ND | ND |
| Terpinolene | 0.008 | ND | ND |
| Total | | 2.815 | 28.15 |



Primary Aromas

Cinnamon

Lavender

Lemon

Hops

Orange

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. Results based on dry weight. SOP-0037; GC-FID Analysis of Terpenes in Cannabis and Cannabis Products. Testing listed above may not be included in our current PJLA scope of accreditation. Please consult PJLA Certificate# 102722 for a list of current accredited tests.



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Papaya Runtz Flower (HB73)

Plant, Flower - Cured, Indoor

Harvest/Production Date: 08/09/2024



Residual Solvents

Not Tested

Analytical Calibration Batch:

| Analyte | LOQ | State Limits | Mass | Status | Analyte | LOQ | State Limits | Mass | Status |
|---------|-----|--------------|------|--------|---------|-----|--------------|------|--------|
|---------|-----|--------------|------|--------|---------|-----|--------------|------|--------|

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. PPM = Parts per Million. SOP-0060; A mass spectrum analysis of Residual Solvents using Gas Chromatography Mass Spectrometry (Thermo Scientific ISQ7000 GCMS).

Mycotoxins

Pass

Analytical Calibration Batch: 08/31/2024

| Analyte | LOQ | State Limit | Mass | Status |
|------------------|-----|-------------|------|--------|
| | PPB | PPB | PPB | |
| Ochratoxin A | 12 | 20 | ND | Pass |
| Total Aflatoxins | 20 | 20 | ND | Pass |

Microbials

Pass

| Analyte | Limit | Mass | Status |
|-----------------------|----------------------|-------|--------|
| | CFU/g | CFU/g | |
| Mold | 10000 | NR | NT |
| Aspergillus flavus | Not Detected in 1.0g | ND | Pass |
| Aspergillus fumigatus | Not Detected in 1.0g | ND | Pass |
| Aspergillus niger | Not Detected in 1.0g | ND | Pass |
| Aspergillus terreus | Not Detected in 1.0g | ND | Pass |
| Salmonella | Not Detected in 1.0g | ND | Pass |
| STEC | Not Detected in 1.0g | ND | Pass |

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. PPB = Parts per Billion. SOP-0042; Pesticide & Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

NT = Not Tested; NR = Not Reported; ND = None Detected. TNTC = Too Numerous to Count; SOP-0058: STEC and Salmonella analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0063: Aspergillus species specific analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0061: Mold enumeration using Hardy Diagnostics media.



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Plant, Flower - Cured, Indoor
Harvest/Production Date: 08/09/2024



Pesticides

Analytical Calibration Batch: 08/31/2024

Pass

| Analyte | LOQ | State Limit | Expanded Limit | Mass | Status |
|-----------------------|------|-------------|----------------|------|--------|
| | PPM | PPM | PPM | PPM | |
| Abamectin | 0.12 | 0.5 | 0.5 | ND | Pass |
| Acequinocyl | 0.12 | 2 | 2 | ND | Pass |
| Bifenazate | 0.12 | 0.2 | 0.2 | ND | Pass |
| Bifenthrin | 0.12 | 0.2 | 0.2 | ND | Pass |
| Chloromequat chloride | 0.12 | 1 | 1 | ND | Pass |
| Cyfluthrin | 0.12 | 1 | 1 | ND | Pass |
| Daminozide | 0.12 | 1 | 1 | ND | Pass |
| Etoxazole | 0.12 | 0.2 | 0.2 | ND | Pass |
| Fenoxycarb | 0.12 | 0.2 | 0.2 | ND | Pass |
| Imazalil | 0.12 | 0.2 | 0.2 | ND | Pass |
| Imidacloprid | 0.12 | 0.4 | 0.4 | ND | Pass |
| Myclobutanil | 0.12 | 0.2 | 0.2 | ND | Pass |
| Paclobutrazol | 0.12 | 0.4 | 0.4 | ND | Pass |
| Pyrethrins | 0.12 | 1 | 1 | ND | Pass |
| Spinosad | 0.12 | 0.2 | 0.2 | ND | Pass |
| Spirotetramat | 0.12 | 0.2 | 0.2 | ND | Pass |
| Trifloxystrobin | 0.12 | 0.2 | 0.2 | ND | Pass |

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