# Certificate of Analysis

**ANALYZED BY:**

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DEA# PA0202945

**CUSTOMER:**

Metabrand
25 Progress St
Edison 08820
0

## SAMPLE INFORMATION

**Sample No.:** 1397186
**Product Name:** Dad Grass- Yuzu Grapefruit 10MG THC
**Matrix:** Edible (Beverage)
**Lot #:** MB1043920/4 NJ

**Date Collected:** 03/30/2026
**Date Received:** 04/01/2026
**Date Reported:** 04/29/2026

## TEST SUMMARY

**Cannabinoid Profile:** Pass
**Pesticide Residue Screen:** Pass
**Heavy Metal Screen:** Pass
**Mycotoxin Screen:** Pass
**Microbiological Screen:** Pass
**Residual Solvent Screen:** Pass
**Foreign Material:** Pass

## Cannabinoid Profile Pass

*04/29/2026*

**Method:** MF-CHEM-15
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)
**Limit of Detection** 0.0008 mg/g
**Limit of Quantitation** 0.0025 mg/g

| Cannabinoid | mg/g | % | mg/ml | mg/serving | mg/package | Labeled mg/serving | % Difference | Status |
|---|---|---|---|---|---|---|---|---|
| Δ8-THC | ND | ND | ND | ND | ND | - | - | - |
| Δ9-THC | 0.0274 | 0.00274 | 0.0277 | 4.92 | 9.85 | 5 | 1.53 | Pass |
| Δ9-THCA | ND | ND | ND | ND | ND | - | - | - |
| THCV | ND | ND | ND | ND | ND | - | - | - |
| THCVA | ND | ND | ND | ND | ND | - | - | - |
| CBD | 0.0286 | 0.00286 | 0.0290 | 5.14 | 10.28 | 5 | 2.78 | - |
| CBDA | ND | ND | ND | ND | ND | - | - | - |
| CBC | ND | ND | ND | ND | ND | - | - | - |
| CBCA | ND | ND | ND | ND | ND | - | - | - |
| CBDV | ND | ND | ND | ND | ND | - | - | - |
| CBG | <LOQ | <LOQ | <LOQ | <LOQ | <LOQ | - | - | - |
| CBGA | ND | ND | ND | ND | ND | - | - | - |
| CBN | ND | ND | ND | ND | ND | - | - | - |
| Total THC | 0.0274 | 0.00274 | 0.0277 | 4.92 | 9.85 | - | - | - |
| Total CBD | 0.0286 | 0.00286 | 0.0290 | 5.14 | 10.28 | - | - | - |
| Total Cannabinoids | 0.056 | 0.0056 | 0.0567 | 10.06 | 20.13 | - | - | - |
| Sum of Cannabinoids | 0.056 | 0.0056 | 0.0567 | 10.06 | 20.13 | - | - | - |
| **Serving Weight (g)** | 179.691 | | | | | | | |
| **Package Weight (g)** | 359.382 | | | | | | | |
| **g/ml Conversion Factor** | 1.0123 | | | | | | | |

Total THC = Δ8-THC + Δ9-THC + (0.877 * THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

**Comment(s):** Potency result from Sample 1394402.

## Microbiological Screen Pass

*04/06/2026*

**Measurement of Uncertainty Average:** APC ±35.6%, Y&M ±31.3%

| Analyte | Instrument | Findings | Units | Status |
|---|---|---|---|---|
| Salmonella | Molecular Detection Assay | Not Detected/25g | /1g | Pass |
| STEC | Molecular Detection Assay | Not Detected/25g | /1g | Pass |
| Total Yeast and Mold | - | 0/10 | cfu/g | Pass |



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## Pesticide Residue Screen ✔ Pass

04/07/2026

**Method:** MF-CHEM-13 - ECCO + DCC

**Instrument:** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|---|---|---|---|---|
| Abamectin | 0.04/0.10 | ND | 0.3 | Pass |
| Acephate | 0.02/0.06 | ND | 5.0 | Pass |
| Acequinocyl | 0.04/0.10 | ND | 4.0 | Pass |
| Acetamiprid | 0.017/0.05 | ND | 5.0 | Pass |
| Aldicarb | 0.02/0.06 | ND | 0.02 | Pass |
| Azoxystrobin | 0.02/0.06 | ND | 40.0 | Pass |
| Bifenazate | 0.02/0.06 | ND | 5.0 | Pass |
| Bifenthrin | 0.04/0.10 | ND | 0.5 | Pass |
| Boscalid | 0.02/0.06 | ND | 10.0 | Pass |
| Captan | 0.2/0.6 | ND | 5.0 | Pass |
| Carbaryl | 0.02/0.06 | ND | 0.5 | Pass |
| Carbofuran | 0.017/0.05 | ND | 0.017 | Pass |
| Chlorantraniliprole | 0.02/0.06 | ND | 40.0 | Pass |
| Chlordane | 0.02/0.06 | ND | 0.02 | Pass |
| Chlorfenapyr | 0.02/0.06 | ND | 0.02 | Pass |
| Chlorpyrifos | 0.02/0.06 | ND | 0.02 | Pass |
| Clofentezine | 0.02/0.06 | ND | 0.5 | Pass |
| Coumaphos | 0.02/0.06 | ND | 0.02 | Pass |
| Cyfluthrin | 0.10/0.30 | ND | 1.0 | Pass |
| Cypermethrin | 0.10/0.30 | ND | 1.0 | Pass |
| Daminozide | 0.017/0.05 | ND | 0.017 | Pass |
| DDVP (Dichlorvos) | 0.013/0.04 | ND | 0.013 | Pass |
| Diazinon | 0.017/0.05 | ND | 0.2 | Pass |
| Dimethoate | 0.017/0.05 | ND | 0.017 | Pass |
| Dimethomorph | 0.017/0.05 | ND | 20.0 | Pass |
| Ethoprop(hos) | 0.02/0.06 | ND | 0.02 | Pass |
| Etofenprox | 0.02/0.06 | ND | 0.02 | Pass |
| Etoxazole | 0.02/0.06 | ND | 1.5 | Pass |
| Fenhexamid | 0.017/0.05 | ND | 10.0 | Pass |
| Fenoxycarb | 0.02/0.06 | ND | 0.02 | Pass |
| Fenpyroximate | 0.02/0.06 | ND | 2.0 | Pass |
| Fipronil | 0.02/0.06 | ND | 0.02 | Pass |
| Flonicamid | 0.02/0.06 | ND | 2.0 | Pass |
| Fludioxonil | 0.02/0.06 | ND | 30.0 | Pass |
| Hexythiazox | 0.02/0.06 | ND | 2.0 | Pass |
| Imazalil | 0.02/0.06 | ND | 0.02 | Pass |
| Imidacloprid | 0.02/0.06 | ND | 3.0 | Pass |
| Kresoxim Methyl | 0.02/0.06 | ND | 1.0 | Pass |
| Malathion | 0.017/0.05 | ND | 5.0 | Pass |
| Metalaxyl | 0.017/0.05 | ND | 15.0 | Pass |
| Methiocarb | 0.02/0.06 | ND | 0.02 | Pass |
| Methomyl | 0.013/0.04 | ND | 0.1 | Pass |
| Methyl parathion | 0.02/0.06 | ND | 0.02 | Pass |
| Mevinphos | 0.02/0.06 | ND | 0.02 | Pass |
| Myclobutanil | 0.02/0.06 | ND | 9.0 | Pass |
| Naled | 0.017/0.05 | ND | 0.5 | Pass |
| Oxamyl | 0.013/0.04 | ND | 0.2 | Pass |
| Paclobutrazol | 0.02/0.06 | ND | 0.02 | Pass |
| Pentachloronitrobenzene | 0.017/0.05 | ND | 0.2 | Pass |
| Permethrins | 0.10/0.30 | ND | 20.0 | Pass |
| Phosmet | 0.02/0.06 | ND | 0.2 | Pass |
| Piperonyl Butoxide | 0.02/0.06 | ND | 8.0 | Pass |
| Prallethrin | 0.04/0.10 | ND | 0.4 | Pass |
| Propiconazole | 0.02/0.06 | ND | 20.0 | Pass |
| Propoxur | 0.013/0.04 | ND | 0.013 | Pass |
| Pyrethrins | 0.15/0.50 | ND | 1.0 | Pass |
| Pyridaben | 0.017/0.05 | ND | 3.0 | Pass |
| Spinetoram | 0.02/0.06 | ND | 3.0 | Pass |
| Spinosad | 0.02/0.06 | ND | 3.0 | Pass |
| Spiromesifen | 0.04/0.10 | ND | 12.0 | Pass |
| Spirotetramat | 0.02/0.06 | ND | 13.0 | Pass |
| Spiroxamine | 0.017/0.05 | ND | 0.017 | Pass |
| Tebuconazole | 0.02/0.06 | ND | 2.0 | Pass |
| Thiacloprid | 0.013/0.04 | ND | 0.013 | Pass |
| Thiamethoxam | 0.02/0.06 | ND | 4.5 | Pass |



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| Analyte | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|---|---|---|---|---|
| Trifloxystrobin | 0.02/0.06 | ND | 30.0 | Pass |
| 2-Phenylphenol | 0.08/0.25 | ND | 0.25 | Pass |
| 3,4-Dichloroaniline | 0.08/0.25 | ND | 0.25 | Pass |
| Acetochlor | 0.05/0.15 | ND | 0.5 | Pass |
| Alachlor | 0.05/0.15 | ND | 0.25 | Pass |
| Ametryn | 0.03/0.10 | ND | 0.5 | Pass |
| Aminocarb | 0.03/0.10 | ND | 0.25 | Pass |
| Anthraquinone | 0.05/0.15 | ND | 0.25 | Pass |
| Azadirachtin | 0.15/0.50 | ND | 3.0 | Pass |
| Biphenyl | 0.08/0.25 | ND | 0.25 | Pass |
| Buprofezin | 0.03/0.10 | ND | 0.5 | Pass |
| Carbendazim | 0.03/0.10 | ND | 0.5 | Pass |
| Clothianidin | 0.03/0.10 | ND | 0.25 | Pass |
| Cyantraniliprole | 0.03/0.10 | ND | 0.5 | Pass |
| Cycloate | 0.08/0.25 | ND | 0.5 | Pass |
| Cyprodinil | 0.03/0.10 | ND | 0.5 | Pass |
| Cyromazine | 0.03/0.10 | ND | 0.5 | Pass |
| DCPA (Dacthal, Chlorthal-dimethyl) | 0.03/0.10 | ND | 0.5 | Pass |
| Diclobutrazol | 0.02/0.06 | ND | 0.5 | Pass |
| Diflubenzuron | 0.08/0.25 | ND | 0.5 | Pass |
| Dinotefuran | 0.05/0.15 | ND | 0.5 | Pass |
| Diphenylamine | 0.08/0.25 | ND | 0.5 | Pass |
| Diuron | 0.03/0.10 | ND | 0.5 | Pass |
| Ethirimol | 0.02/0.06 | ND | 0.5 | Pass |
| Fenobucarb | 0.025/0.08 | ND | 0.1 | Pass |
| Fensulfothion | 0.02/0.06 | ND | 0.1 | Pass |
| Fenthion | 0.03/0.10 | ND | 0.1 | Pass |
| Fenvalerate | 0.03/0.10 | ND | 0.25 | Pass |
| Fluopyram | 0.02/0.06 | ND | 0.5 | Pass |
| Flutriafol | 0.05/0.15 | ND | 0.5 | Pass |
| Formetanate HCl | 0.03/0.10 | ND | 0.1 | Pass |
| Hexaconazole | 0.05/0.15 | ND | 0.5 | Pass |
| Hydramethylnon | 0.05/0.15 | ND | 0.5 | Pass |
| Indoxacarb | 0.05/0.15 | ND | 0.5 | Pass |
| Isoprocarb | 0.03/0.10 | ND | 0.25 | Pass |
| Mandipropamid | 0.03/0.10 | ND | 0.5 | Pass |
| Methamidophos | 0.03/0.10 | ND | 0.5 | Pass |
| Metaflumizone | 0.08/0.25 | ND | 0.5 | Pass |
| Methoprene | 0.15/0.50 | ND | 0.5 | Pass |
| Methoxyfenozide | 0.02/0.06 | ND | 0.5 | Pass |
| Metolachlor | 0.05/0.15 | ND | 0.25 | Pass |
| MGK 264 | 0.03/0.10 | ND | 0.5 | Pass |
| Monocrotophos | 0.03/0.10 | ND | 0.25 | Pass |
| Novaluron | 0.05/0.15 | ND | 0.5 | Pass |
| Nuarimol | 0.05/0.15 | ND | 0.5 | Pass |
| Omethoate | 0.02/0.06 | ND | 0.1 | Pass |
| o,p'-DDD | 0.03/0.10 | ND | 0.1 | Pass |
| o,p'-DDE | 0.025/0.08 | ND | 0.1 | Pass |
| o,p'-DDT | 0.03/0.10 | ND | 0.1 | Pass |
| p,p'-DDD | 0.03/0.10 | ND | 0.1 | Pass |
| p,p'-DDE | 0.025/0.08 | ND | 0.1 | Pass |
| p,p'-DDT | 0.03/0.10 | ND | 0.1 | Pass |
| Pendimethalin | 0.08/0.25 | ND | 0.5 | Pass |
| Pentachloroaniline | 0.03/0.10 | ND | 0.1 | Pass |
| Pentachloroanisole | 0.10/0.30 | ND | 0.5 | Pass |
| Pentachlorobenzene | 0.03/0.10 | ND | 0.1 | Pass |
| Pentachlorobenzonitrile | 0.03/0.10 | ND | 0.5 | Pass |
| Phenothrin | 0.08/0.25 | ND | 0.25 | Pass |
| Procymidone | 0.03/0.10 | ND | 0.1 | Pass |
| Prometryne | 0.02/0.06 | ND | 0.5 | Pass |
| Propamocarb | 0.08/0.25 | ND | 0.5 | Pass |
| Propargite | 0.08/0.25 | ND | 0.5 | Pass |
| Propyzamide | 0.05/0.15 | ND | 0.5 | Pass |
| Pymetrozine | 0.03/0.10 | ND | 0.5 | Pass |
| Pyraclostrobin | 0.03/0.10 | ND | 0.5 | Pass |
| Pyrimethanil | 0.03/0.10 | ND | 0.5 | Pass |
| Pyriproxyfen | 0.05/0.15 | ND | 0.5 | Pass |
| Quinoxyfen | 0.03/0.10 | ND | 0.5 | Pass |
| Spirodiclofen | 0.15/0.50 | ND | 0.5 | Pass |
| Sulfoxaflor | 0.03/0.10 | ND | 0.25 | Pass |



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| Analyte | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|---|---|---|---|---|
| Tau-Fluvalinate | 0.08/0.25 | ND | 0.5 | Pass |
| Terbutryn | 0.02/0.06 | ND | 0.25 | Pass |
| Thiabendazole | 0.02/0.06 | ND | 0.25 | Pass |
| Thiobencarb | 0.03/0.10 | ND | 0.5 | Pass |
| Tricyclazole | 0.02/0.06 | ND | 0.5 | Pass |
| Triflumizole | 0.05/0.15 | ND | 0.5 | Pass |

## Residual Solvent Screen ✔ Pass

*04/07/2026*

**Method:** MF-CHEM-32

**Regulatory Standard*** DCC

**Instrument:** Gas Chromatography Mass Spectrometry (GC/MS)

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g)* | Status |
|---|---|---|---|---|
| 1,2-Dichloroethane | 0.5/0.5 | ND | 1 | Pass |
| Acetone | 57/200 | ND | 5000 | Pass |
| Acetonitrile | 56/200 | ND | 410 | Pass |
| Benzene | 0.5/0.5 | ND | 1 | Pass |
| n-Butane | 45/200 | ND | 5000 | Pass |
| Chloroform | 0.5/0.5 | ND | 1 | Pass |
| Ethanol | 37/200 | 3070.00 | 5000 | Pass |
| Ethyl acetate | 38/200 | ND | 5000 | Pass |
| Ethyl ether | 37/200 | ND | 5000 | Pass |
| Ethylene oxide | 0.1/0.5 | ND | 1 | Pass |
| n-Heptane | 135/200 | ND | 5000 | Pass |
| n-Hexane | 49/200 | ND | 290 | Pass |
| Isopropyl alcohol | 57/200 | ND | 5000 | Pass |
| Methanol | 37/200 | ND | 3000 | Pass |
| Methylene chloride | 0.1/0.5 | ND | 1 | Pass |
| n-Pentane | 37/200 | ND | 5000 | Pass |
| Propane | 72/200 | ND | 5000 | Pass |
| Toluene | 49/200 | ND | 890 | Pass |
| Total xylenes (ortho-, meta-, para-) | 58/200 | ND | 2170 | Pass |
| Trichloroethylene | 0.5/0.5 | ND | 1 | Pass |

## Heavy Metal Screen ✔ Pass

*04/07/2026*

**Method:** MF-CHEM-16

**Regulatory Standard*** DCC

**Instrument:** Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g)* | Status |
|---|---|---|---|---|
| Arsenic | 0.033/0.101 | ND | 1.5 | Pass |
| Cadmium | 0.047/0.141 | ND | 0.5 | Pass |
| Mercury | 0.014/0.05 | ND | 3 | Pass |
| Lead | 0.107/0.324 | ND | 0.5 | Pass |

## Foreign Material ✔ Pass

*04/07/2026*

**Method:** MF-CHEM-7

**Regulatory Standard*** DCC

| Analyte | Findings | Limit* | Status |
|---|---|---|---|
| Sand, Soils, Cinders, and Dirt | ND | 25% | Pass |
| Mold | ND | 25% | Pass |
| Imbedded Foreign Material | ND | 25% | Pass |
| Insect Fragment | ND | 1 per 3g | Pass |
| Hair | ND | 1 per 3g | Pass |
| Mammalian Excreta | ND | 1 per 3g | Pass |



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## Mycotoxin Screen ✔ Pass

*04/07/2026*

**Method:** MF-CHEM-13

**Instrument:** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

**Measurement of Uncertainty (MU):** ±20.21%

| Analyte | LOD/LOQ (ppb) | Findings (ppb) | Limit (ppb) | Status |
|---|---|---|---|---|
| Aflatoxin B1 | 2/5 | ND | 5 | Pass |
| Aflatoxin B2 | 2/5 | ND | 20 | Pass |
| Aflatoxin G1 | 2/5 | ND | 20 | Pass |
| Aflatoxin G2 | 2/5 | ND | 20 | Pass |
| Total Aflatoxins | 8/20 | ND | 20 | Pass |
| Ochratoxin A | 2/5 | ND | 5 | Pass |

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by

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Vu Lam
Lab Co Director

Scan to verify



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