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# Regulatory Compliance Testing

**ANALYZED BY:**

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

**DISTRIBUTOR:**

Metta Medical
[redacted]
C11-0001250-LIC

**CULTIVATOR / MANUFACTURER:**

Metta Medical
[redacted]
CDPH-10004472


## SAMPLE INFORMATION

| | | | |
|---|---|---|---|
| **Sample No.:** | 1091399 | **Sample Increments:** | 20 |
| **Product Name:** | Level - Hangover Protab - 25PT210802HNG | **Sample Weight / Increment (g):** | 1.76 |
| **Matrix:** | Concentrate (Orally Consumed Concentrate) | **Total Sample Weight (g):** | 35.2 |
| **Batch #:** | 25PT210802HNG | **Date Collected:** | 08/04/2021 |
| **Product-Batch Size (Units):** | 6247 | **Date Received:** | 08/05/2021 |
| | | **Date Reported:** | 08/09/2021 |

## TEST SUMMARY

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

## Cannabinoid Profile Pass

*08/09/2021*

**Method:** MF12D012
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)
**Limit of Detection** 0.1333 mg/g
**Limit of Quantification** 0.4 mg/g

| Cannabinoid | mg/g | % | mg/serving | mg/package | Status |
|---|---|---|---|---|---|
| Δ8-THC | 19.60 | 1.960 | 3.42 | 34.18 | - |
| Δ9-THC | 5.12 | 0.512 | 0 89 | 8.93 | Pass |
| Δ9-THCA | 66.55 | 6.655 | 11.61 | 116.07 | - |
| THCV | ND | ND | ND | ND | - |
| THCVA | <LOQ | <LOQ | <LOQ | <LOQ | - |
| CBD | 37.32 | 3.732 | 6 51 | 65.09 | - |
| CBDA | 0 59 | 0.059 | 0.10 | 1.04 | - |
| CBC | ND | ND | ND | ND | - |
| CBCA | 1 35 | 0.135 | 0 23 | 2.35 | - |
| CBDV | ND | ND | ND | ND | - |
| CBG | 36.23 | 3.623 | 6 32 | 63.18 | - |
| CBGA | 1.41 | 0.141 | 0 25 | 2.45 | - |
| CBN | ND | ND | ND | ND | - |
| Total THC | 63.49 | 6.349 | 11.07 | 110.72 | - |
| Total CBD | 37.84 | 3.784 | 6.60 | 66.00 | - |
| Total Cannabinoids | 168.52 | 16.852 | 29.39 | 293.90 | - |
| Total Active Cannabinoids | 159.88 | 15.988 | 27.88 | 278 83 | - |
| **Measured Serving Weight (g)** | 0.1744 | | | | |
| **Measured Package Weight (g)** | 1.74 | | | | |

## Microbiological Screen Pass

*08/09/2021*

| Analyte | Method | Findings | Status |
|---|---|---|---|
| Salmonella | AOAC 2016.01 | Negative/1g | Pass |
| STEC | 3M MDS STEC/EAE | Negative/1g | Pass |

## Pesticide Residue Screen Pass

*08/09/2021*

**Method:** MF 21P030
**Instrument:** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | 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 |

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---|---|---|---|---|
| Acetamiprid | 0.02/0.06 | 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 | 0.20/0.06 | ND | 5.0 | Pass |
| Carbaryl | 0.02/0.06 | ND | 0 5 | Pass |
| Carbofuran | 0.02/0.06 | ND | 0.02 | Pass |
| Chlorantraniliprole | 0.02/0.06 | ND | 40.0 | Pass |
| Chlordane | 0.02/0.06 | ND | 0.02 | Pass |
| Chlorfenapyr | 0.02/0.08 | 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 | 0.02/0.06 | ND | 0.02 | Pass |
| DDVP (Dichlorvous) | 0.02/0.06 | ND | 0.02 | Pass |
| Diazinon | 0.02/0.06 | ND | 0 2 | Pass |
| Dimethoate | 0.02/0.06 | ND | 0.02 | Pass |
| Dimethomorph | 0.02/0.06 | 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 | 0.02/0.06 | 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 |
| Fludioxanil | 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 | 0.02/0.06 | ND | 5.0 | Pass |
| Metalaxyl | 0.02/0.06 | ND | 15.0 | Pass |
| Methiocarb | 0.02/0.06 | ND | 0.02 | Pass |
| Methomyl | 0.02/0.06 | 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 | 0.02/0.06 | ND | 0.5 | Pass |
| Oxamyl | 0.02/0.06 | ND | 0.2 | Pass |
| Paclobutrazol | 0.02/0.06 | ND | 0.02 | Pass |
| Pentachloronitrobenzene | 0.04/0.10 | 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 | 0.02/0.06 | ND | 0.02 | Pass |
| Pyrethrins | 0.10/0.30 | ND | 1.0 | Pass |
| Pyridaben | 0.02/0.06 | 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 | 0.02/0.06 | ND | 0.02 | Pass |
| Tebuconazole | 0.02/0.06 | ND | 2.0 | Pass |
| Thiaclorprid | 0.02/0.06 | ND | 0.02 | Pass |
| Thiamethoxam | 0.02/0.06 | ND | 4 5 | Pass |
| Trifloxystrobin | 0.02/0.06 | ND | 30.0 | Pass |

## Residual Solvent Screen ✔ Pass

*08/09/2021*

**Method:** USP OVI<467>

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

| Analyte | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|---|---|---|---|---|
| 1,2-Dichloroethane | 0.10/1.00 | ND | 1 | Pass |
| Acetone | 50/150 | ND | 5000 | Pass |
| Acetonitrile | 4/12 | ND | 410 | Pass |
| Benzene | 0.10/1.00 | ND | 1 | Pass |
| n-Butane | 48/160 | ND | 5000 | Pass |
| Chloroform | 0.10/1.00 | ND | 1 | Pass |
| Ethanol | 67/200 | ND | 5000 | Pass |
| Ethyl acetate | 27/80 | ND | 5000 | Pass |
| Ethyl ether | 17/50 | ND | 5000 | Pass |
| Ethylene oxide | 0.50/1.00 | ND | 1 | Pass |
| n-Heptane | 1/4 | ND | 5000 | Pass |
| n-Hexane | 2/10 | ND | 290 | Pass |
| Isopropyl alcohol | 33/100 | ND | 5000 | Pass |
| Methanol | 50/150 | ND | 3000 | Pass |
| Methylene chloride | 0.50/1.00 | ND | 1 | Pass |
| n-Pentane | 2/6 | 8.89 | 5000 | Pass |
| Propane | 10/33 | ND | 5000 | Pass |
| Toluene | 10/30 | ND | 890 | Pass |
| Total xylenes (ortho-, meta-, para-) | 30/90 | ND | 2170 | Pass |
| Trichloroethylene | 0.10/1.00 | ND | 1 | Pass |

## Heavy Metal Screen ✔ Pass

*08/05/2021*

**Method:** MF 24E020

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

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---|---|---|---|---|
| Arsenic | 0.02/0.05 | ND | 1 5 | Pass |
| Cadmium | 0.02/0.05 | ND | 0 5 | Pass |
| Mercury | 0.02/0.05 | ND | 3 | Pass |
| Lead | 0.02/0.05 | ND | 0 5 | Pass |

## Foreign Material ✔ Pass

*08/05/2021*

**Method:** Visual

| 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 |

## Mycotoxin Screen ✔ Pass

*08/09/2021*

**Method:** MF 21P030

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

| Analyte | LOD/LOQ (µg/kg) | Findings (µg/kg) | Limit (µg/kg) | Status |
|---|---|---|---|---|
| Aflatoxin B1 | 1/5 | ND | - | - |
| Afalatoxin B2 | 1/5 | ND | - | - |
| Aflatoxin G1 | 1/5 | ND | - | - |
| Aflatoxin G2 | 1/5 | ND | - | - |
| Total Aflatoxins | 10/20 | ND | 20 | Pass |
| Ochratoxin A | 10/20 | ND | 20 | Pass |

## Water Activity

*08/05/2021*

**Method:** MF 14G051

**Instrument:** Decagon

| Analyte | Findings | Limit | Status |
|---|---|---|---|
| Water Activity | 0.45 | 0.85 | Pass |

( ) = Not Tested, **ND** = None Detected, **<LOQ** = Below Limit of Quantitation, **LOD** = Limit of Detection

All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13)

**Reported by**

Vu Lam
Lab Co Director

August 09, 2021

**Scan to verify**