

## ANALYZED BY:

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C8-0000052-LIC

## DISTRIBUTOR:

Metta Medical LLC  
1088 Howard St  
SAN FRANCISCO 94103  
C12-0000071-LIC

## CULTIVATOR / MANUFACTURER:

Metta Medical LLC  
1088 Howard St  
SAN FRANCISCO 94103  
C12-0000071-LIC



## SAMPLE INFORMATION

**Sample No.:** 1032870  
**Product Name:** Level - Hangover Protab - PT190805HNG  
**Matrix:** Concentrate (Orally Consumed Concentrate)  
**Batch #:** PT190805HNG  
**Product-Batch Size (Units):** 8000

**Sample Increments:** 20  
**Sample Weight / Increment (g):** 1.75  
**Total Sample Weight (g):** 35  
**Date Collected:** 08/29/2019  
**Date Received:** 08/30/2019  
**Date Reported:** 09/06/2019

## TEST SUMMARY

**Cannabinoid Profile:** ✔ Pass  
**Microbiological Screen:** ✔ Pass  
**Pesticide Residue Screen:** ✔ Pass  
**Mycotoxin Screen:** ✔ Pass  
**Residual Solvent Screen:** ✔ Pass  
**Heavy Metal Screen:** ✔ Pass  
**Other Analyses:** ✔ Pass  
**Overall:** ✔ Pass

## CANNABINOID PROFILE ✔ Pass

09/05/2019

**Method:** MF12D012  
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Limit of Quantitation:** 1.0 mg/g  
**Limit of Detection:** 0.4 mg/g

| Analyte                            | mg/g    | %      | mg/serving | mg/package | Status |
|------------------------------------|---------|--------|------------|------------|--------|
| δ8 THC                             | 15.83   | 1.583  | 2.81       | 28.12      | -      |
| δ9 THC                             | 12.65   | 1.265  | 2.25       | 22.47      | -      |
| THCV                               | ND      | ND     | ND         | ND         | -      |
| THCVA                              | ND      | ND     | ND         | ND         | -      |
| δ9 THCA                            | 47.18   | 4.718  | 8.38       | 83.81      | -      |
| CBD                                | 32.32   | 3.232  | 5.74       | 57.41      | -      |
| CBDA                               | ND      | ND     | ND         | ND         | -      |
| CBC                                | ND      | ND     | ND         | ND         | -      |
| CBCA                               | ND      | ND     | ND         | ND         | -      |
| CBDV                               | ND      | ND     | ND         | ND         | -      |
| CBG                                | 30.85   | 3.085  | 5.48       | 54.8       | -      |
| CBGA                               | ND      | ND     | ND         | ND         | -      |
| CBN                                | ND      | ND     | ND         | ND         | -      |
| Total THC                          | 54.03   | 5.403  | 9.6        | 95.97      | Pass   |
| Total CBD                          | 32.32   | 3.232  | 5.74       | 57.41      | -      |
| Total Cannabinoids                 | 138.83  | 13.883 | 24.66      | 246.6      | -      |
| Total Active Cannabinoids          | 133.03  | 13.303 | 23.63      | 236.3      | -      |
| <b>Measured Serving Weight (g)</b> | 0.17763 |        |            |            |        |
| <b>Servings / Unit</b>             | 10      |        |            |            |        |

## MICROBIOLOGICAL SCREEN ✔ Pass

09/05/2019

| Analysis   | Method          | Finding     | Limit    | Status |
|------------|-----------------|-------------|----------|--------|
| Salmonella | AOAC 2016.01    | Negative/1g | ND in 1g | Pass   |
| STEC       | 3M MDS STEC/EAE | Negative/1g | ND in 1g | Pass   |

## PESTICIDE RESIDUE SCREEN ✔ Pass

09/05/2019

**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) | Finding (µg/g) | Limit (µg/g) | Status |
|--------------|------------------|----------------|--------------|--------|
| Abamectin    | 0.04/0.10        | ND             | 0.3          | Pass   |
| Acephate     | 0.04/0.10        | ND             | 5.0          | Pass   |
| Acequinocyl  | 0.04/0.10        | ND             | 4.0          | Pass   |
| Acetamiprid  | 0.04/0.10        | ND             | 5.0          | Pass   |
| Aldicarb     | 0.04/0.10        | ND             | 0.04         | Pass   |
| Azoxystrobin | 0.04/0.10        | ND             | 40.0         | Pass   |
| Bifenazate   | 0.04/0.10        | ND             | 5.0          | Pass   |
| Bifenthrin   | 0.20/0.50        | ND             | 0.5          | Pass   |
| Boscalid     | 0.04/0.10        | ND             | 10.0         | Pass   |
| Captan       | 0.25/0.70        | ND             | 5.0          | Pass   |
| Carbaryl     | 0.20/0.50        | ND             | 0.5          | Pass   |

| Analyte                 | LOD / LOQ (µg/g) | Finding (µg/g) | Limit (µg/g) | Status |
|-------------------------|------------------|----------------|--------------|--------|
| Carbofuran              | 0.04/0.10        | ND             | 0.04         | Pass   |
| Chlorantraniliprole     | 0.04/0.10        | ND             | 40.0         | Pass   |
| Chlordane               | 0.04/0.10        | ND             | 0.04         | Pass   |
| Chlorfenapyr            | 0.04/0.10        | ND             | 0.04         | Pass   |
| Chlorpyrifos            | 0.04/0.10        | ND             | 0.04         | Pass   |
| Clofentezine            | 0.04/0.10        | ND             | 0.5          | Pass   |
| Coumaphos               | 0.04/0.10        | ND             | 0.04         | Pass   |
| Cyfluthrin              | 0.70/2.00        | ND             | 1.0          | Pass   |
| Cypermethrin            | 0.35/1.00        | ND             | 1.0          | Pass   |
| Daminozide              | 0.04/0.10        | ND             | 0.04         | Pass   |
| DDVP (Dichlorovous)     | 0.04/0.10        | ND             | 0.04         | Pass   |
| Diazinon                | 0.04/0.10        | ND             | 0.2          | Pass   |
| Dimethoate              | 0.04/0.10        | ND             | 0.04         | Pass   |
| Dimethomorph            | 0.04/0.10        | ND             | 20.0         | Pass   |
| Ethoprop(hos)           | 0.04/0.10        | ND             | 0.04         | Pass   |
| Etofenprox              | 0.04/0.10        | ND             | 0.04         | Pass   |
| Etoxazole               | 0.04/0.10        | ND             | 1.5          | Pass   |
| Fenhexamid              | 0.04/0.10        | ND             | 10.0         | Pass   |
| Fenoxycarb              | 0.04/0.10        | ND             | 0.04         | Pass   |
| Fenpyroximate           | 0.04/0.10        | ND             | 2.0          | Pass   |
| Fipronil                | 0.04/0.10        | ND             | 0.04         | Pass   |
| Flonicamid              | 0.04/0.10        | ND             | 2.0          | Pass   |
| Fludioxanil             | 0.04/0.10        | ND             | 30.0         | Pass   |
| Hexythiazox             | 0.04/0.10        | ND             | 2.0          | Pass   |
| Imazalil                | 0.04/0.10        | ND             | 0.04         | Pass   |
| Imidacloprid            | 0.04/0.10        | ND             | 3.0          | Pass   |
| Kresoxim Methyl         | 0.04/0.10        | ND             | 1.0          | Pass   |
| Malathion               | 0.20/0.50        | ND             | 5.0          | Pass   |
| Metalaxyl               | 0.04/0.10        | ND             | 15.0         | Pass   |
| Methiocarb              | 0.04/0.10        | ND             | 0.04         | Pass   |
| Methomyl                | 0.04/1.00        | ND             | 0.1          | Pass   |
| Methyl parathion        | 0.04/0.10        | ND             | 0.04         | Pass   |
| Mevinphos               | 0.04/0.10        | ND             | 0.04         | Pass   |
| Myclobutanil            | 0.04/0.10        | ND             | 9.0          | Pass   |
| Naled                   | 0.50/1.50        | ND             | 0.5          | Pass   |
| Oxamyl                  | 0.20/0.50        | ND             | 0.2          | Pass   |
| Pacllobutrazol          | 0.04/0.10        | ND             | 0.04         | Pass   |
| Pentachloronitrobenzene | 0.04/0.10        | ND             | 0.2          | Pass   |
| Permethrins             | 0.20/0.50        | ND             | 20.0         | Pass   |
| Phosmet                 | 0.04/0.10        | ND             | 0.2          | Pass   |
| Piperonyl Butoxide      | 0.04/0.10        | ND             | 8.0          | Pass   |
| Prallethrin             | 0.50/1.50        | ND             | 0.4          | Pass   |
| Propiconazole           | 0.04/0.10        | ND             | 20.0         | Pass   |
| Propoxur                | 0.04/0.10        | ND             | 0.04         | Pass   |
| Pyrethrins              | 0.20/0.50        | ND             | 1.0          | Pass   |
| Pyridaben               | 0.04/0.10        | ND             | 3.0          | Pass   |
| Spinetoram              | 0.04/0.10        | ND             | 3.0          | Pass   |
| Spinosad                | 0.04/0.10        | ND             | 3.0          | Pass   |
| Spiromesifen            | 0.04/0.10        | ND             | 12.0         | Pass   |
| Spirotetramat           | 0.04/0.10        | ND             | 13.0         | Pass   |
| Spiroxamine             | 0.04/0.10        | ND             | 0.04         | Pass   |
| Tebuconazole            | 0.04/0.10        | ND             | 2.0          | Pass   |
| Thiacloprid             | 0.04/0.10        | ND             | 0.04         | Pass   |
| Thiamethoxam            | 0.35/1.00        | ND             | 4.5          | Pass   |
| Trifloxystrobin         | 0.04/0.10        | ND             | 30.0         | Pass   |

## RESIDUAL SOLVENT SCREEN ✔ Pass

09/05/2019

**Method:** USP OVI<467>

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

| Analyte            | LOD / LOQ (µg/g) | Finding (µg/g) | Limit (µg/g) | Status |
|--------------------|------------------|----------------|--------------|--------|
| 1,2-Dichloroethane | 0.40/1.00        | ND             | 1.0          | Pass   |
| Acetone            | 17/75            | ND             | 5000         | Pass   |
| Acetonitrile       | 1/6              | ND             | 410          | Pass   |
| Benzene            | 0.40/1.00        | ND             | 1.0          | Pass   |
| n-Butane           | 200/600          | ND             | 5000         | Pass   |
| Chloroform         | 0.40/1.00        | ND             | 1.0          | Pass   |
| Ethanol            | 22/100           | ND             | 5000         | Pass   |
| Ethyl Acetate      | 9/40             | ND             | 5000         | Pass   |
| Ethyl Ether        | 11/50            | ND             | 5000         | Pass   |
| Ethylene Oxide     | 0.40/1.00        | ND             | 1.0          | Pass   |
| n-Heptane          | 11/50            | ND             | 5000         | Pass   |
| n-Hexane           | 1/5              | ND             | 290          | Pass   |
| Isopropyl Alcohol  | 11/50            | ND             | 5000         | Pass   |
| Methanol           | 6/25             | ND             | 3000         | Pass   |
| Methylene Chloride | 0.40/1.00        | ND             | 1.0          | Pass   |
| n-Pentane          | 17/75            | ND             | 5000         | Pass   |
| Propane            | 125/250          | ND             | 5000         | Pass   |
| Toluene            | 3/15             | ND             | 890          | Pass   |
| Total Xylenes      | 1/3              | ND             | 2170         | Pass   |
| Trichloroethylene  | 0.40/1.00        | ND             | 1.0          | Pass   |

## HEAVY METAL SCREEN ✔ Pass

09/03/2019

**Method:** MF 24E020

**Instrument:** ICP-MS

| Analyte | LOD / LOQ (µg/g) | Finding (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             | 3.0          | Pass   |
| Lead    | 0.02/0.05        | <LOQ           | 0.5          | Pass   |

## MYCOTOXIN SCREEN ✔ Pass

09/05/2019

**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) | Finding (µg/kg) | Limit (µg/kg) | Status |
|------------------|-------------------|-----------------|---------------|--------|
| Aflatoxin B1     | 10/20             | ND              | -             | -      |
| Aflatoxin B2     | 10/20             | ND              | -             | -      |
| Aflatoxin G1     | 10/20             | ND              | -             | -      |
| Aflatoxin G2     | 10/20             | ND              | -             | -      |
| Total Aflatoxins | 10/20             | ND              | 20            | Pass   |
| Ochratoxin A     | 10/20             | ND              | 20            | Pass   |

## OTHER ANALYSES ✔ Pass

| Analyte                        | Method    | Instrument | Finding | Date Completed | Limit | Status |
|--------------------------------|-----------|------------|---------|----------------|-------|--------|
| Water Activity                 | MF 14G051 | Decagon    | 0.503   | 09/03/2019     | 0.85  | Pass   |
| Sand, Soils, Cinders, and Dirt | Visual    | n/a        | 0       | 09/03/2019     | 25 %  | Pass   |
| Mold                           | Visual    | n/a        | 0       | 09/03/2019     | 25 %  | Pass   |
| Imbedded Foreign Material      | Visual    | n/a        | 0       | 09/03/2019     | 25 %  | Pass   |
| Insect Fragment                | Visual    | n/a        | 0       | 09/03/2019     | 1     | Pass   |
| Hair                           | Visual    | n/a        | 0       | 09/03/2019     | 1     | Pass   |
| Mammalian Excreta              | Visual    | n/a        | 0       | 09/03/2019     | 1     | Pass   |

(-) = Not Tested, ND = None Detected, &lt;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

  
 Eric Tam  
 Senior Chemist

September 06, 2019



Scan to verify