

## **Certificate of Analysis**

### **ANALYZED BY:**

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



#### MANUFACTURER:

Radix Labs Inc 2201 Broadway Oakland, CA 94612

### SAMPLE INFORMATION

|               |              | gher Vibes 12oz<br>it Hibiscus 10mg<br>ge) | Date Collected: 11/06/2023<br>Date Received: 11/06/2023<br>Date Reported: 11/10/2023 |        |
|---------------|--------------|--|--|--------|
| TEST SUM      | MARY         |  |  |        |
| Cannabinoid   | Profile:     | 🖉 Pass                                     | Microbiological Screen:  | Pass   |
| Pesticide Res | idue Screen: | C Pass                                     | <b>Residual Solvent Screen:</b>  | 🔮 Pass |
| Heavy Metal   | Screen:      | 🕑 Pass                                     | Foreign Material:  | 🕑 Pass |
| Mycotoxin Sc  | reen:        | 🔮 Pass                                     |  |        |
| Mycotoxin Sc  | reen:        | V Pass                                     |  |        |

Cannabinoid Profile **O** Pass

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

| Cannabinoid            | mg/g     | %       | mg/ml  | mg/serving | mg/package | Labeled mg/serving | serving) | Status |
|------------------------|----------|---------|--------|------------|------------|--------------------|----------|--------|
| Δ8-THC                 | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| Δ9-THC                 | 0.0274   | 0.00274 | 0.0280 | 4.9623     | 9.9245     | 5                  | 0.75     | Pass   |
| Δ9-THCA                | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| THCV                   | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| THCVA                  | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| CBD                    | 0.0045   | 0.00045 | 0.0046 | 0.8084     | 1.6167     | -                  | -        | -      |
| CBDA                   | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| СВС                    | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| CBCA                   | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| CBDV                   | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| CBG                    | 0.0261   | 0.00261 | 0.0267 | 4.7272     | 9.4544     | 5                  | 5.46     | -      |
| CBGA                   | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| CBN                    | ND       | ND      | ND     | ND         | ND         | -                  | -        | -      |
| Total THC              | 0.0274   | 0.00274 | 0.0280 | 4.9623     | 9.9245     | -                  | -        | -      |
| Total CBD              | 0.0045   | 0.00045 | 0.0046 | 0.8084     | 1.6167     | -                  | -        | -      |
| Total Cannabinoids     | 0.0580   | 0.00581 | 0.0593 | 10.4978    | 20.9956    | -                  | -        | -      |
| Sum of Cannabinoids    | 0.0580   | 0.00581 | 0.0593 | 10.4978    | 20.9956    | -                  | -        | -      |
| Serving Weight (g)     | 180.8409 |         |        |            |            |                    |          |        |
| Package Weight (g)     | 361.6818 |         |        |            |            |                    |          |        |
| g/ml Conversion Factor | 1.0217   |         |        |            |            |                    |          |        |

Total THC = Δ9-THC + (0.877 \* Δ9-THCA) Total CBD = CBD + (0.877 \* CBDA)

Total Cannabinoids =  $\Sigma$  (neutral cannabinoids) + [0.877 \*  $\Sigma$  (acidic cannabinoids)]

### Microbiological Screen SPass

| Analyte    | Method       | Findings     | Status |
|------------|--------------|--------------|--------|
| Salmonella | AOAC 2016.01 | Negative/25g | Pass   |
| STEC       | 3M MDS STEC  | Negative/25g | Pass   |

Pesticide Residue Screen 📀 Pass

### Method: MF-CHEM-13

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   |

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% Difference (mg/

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## **Certificate of Analysis**

| Analyte                     | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status       |
|-----------------------------|----------------|-----------------|--------------|--------------|
| Acequinocyl                 | 0.04/0.10      | ND              | 4.0          | Pass         |
| 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                      | 0.2/0.6        | 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 (Dichlorvos)           | 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)               | 0.02/0.08      | 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              |              | 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                   | 0.02/0.06      | 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                  | 0.15/0.50      | 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         |
|                             |                |                 |              |              |
|                             | 0.02/0.06      | ND              | 0.02         | Pass         |
| Thiacloprid<br>Thiamethoxam | 0.02/0.06      | ND<br>ND        | 0.02 4.5     | Pass<br>Pass |

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## **Residual Solvent Screen O** Pass

Method: MF-CHEM-32

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

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| Analyte                              | LOD/LOQ (ppm) | Findings (ppm)                                | Limit (ppm) | Status |
|--------------------------------------|---------------|---|-------------|--------|
| 1,2-Dichloroethane                   | 0.2/0.5       | ND  | 1           | Pass   |
| Acetone                              | 67/200        | <loq< td=""><td>5000</td><td>Pass</td></loq<> | 5000        | Pass   |
| Acetonitrile                         | 67/200        | ND  | 410         | Pass   |
| Benzene                              | 0.2/0.5       | ND  | 1           | Pass   |
| n-Butane                             | 67/200        | ND  | 5000        | Pass   |
| Chloroform                           | 0.2/0.5       | ND  | 1           | Pass   |
| Ethanol                              | 67/200        | 1519.7  | 5000        | Pass   |
| Ethylacetate                         | 67/200        | ND  | 5000        | Pass   |
| Ethylether                           | 67/200        | ND  | 5000        | Pass   |
| Ethylene oxide                       | 0.2/0.5       | ND  | 1           | Pass   |
| n-Heptane                            | 67/200        | ND  | 5000        | Pass   |
| n-Hexane                             | 67/200        | ND  | 290         | Pass   |
| Isopropyl alcohol                    | 67/200        | ND  | 5000        | Pass   |
| Methanol                             | 67/200        | ND  | 3000        | Pass   |
| Methylene chloride                   | 0.2/0.5       | ND  | 1           | Pass   |
| n-Pentane                            | 67/200        | ND  | 5000        | Pass   |
| Propane                              | 67/200        | ND  | 5000        | Pass   |
| Toluene                              | 67/200        | ND  | 890         | Pass   |
| Total xylenes (ortho-, meta-, para-) | 67/200        | ND  | 2170        | Pass   |
| Trichloroethylene                    | 0.2/0.5       | ND  | 1           | Pass   |

### Heavy Metal Screen **O** Pass

Method: MF-CHEM-16

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

Method: MF-MACRO-5

| 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 SPass

Method: MF-CHEM-13

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     | 2/5             | ND               | -             | -      |
| Aflatoxin B2     | 2/5             | ND               | -             | -      |
| Aflatoxin G1     | 2/5             | ND               | -             | -      |
| Aflatoxin G2     | 2/5             | ND               | -             | -      |
| Total Aflatoxins | 8/20            | ND               | 20            | Pass   |
| Ochratoxin A     | 6/20            | ND               | 20            | Pass   |



# **Certificate of Analysis**

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





Compliance Manager



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