

**ANALYZED BY:**

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

**DISTRIBUTOR:**

 Alchemy Naturals CBD  
 1147 N Broadway  
 Denver 80203

**MANUFACTURER:**

 Alchemy Naturals CBD  
 1147 N Broadway  
 Denver, CO 80203

**SAMPLE INFORMATION**

**Sample No.:** 1150724  
**Product Name:** ITM000565 - Alchemy Naturals - DeStress Gummy - Full Spectrum CBD (25mg/ea) & Reishi Mushroom Extract (50mg/ea) - Peach Hibiscus  
**Matrix:** Edible (Gummy)  
**Batch #:** 4402216441

**Date Collected:** 02/09/2023  
**Date Received:** 02/09/2023  
**Date Reported:** 02/14/2023

**TEST SUMMARY**

**Cannabinoid Profile:** ✔ Tested  
**Pesticide Residue Screen:** ✔ Pass  
**Heavy Metal Screen:** ✔ Pass  
**Microbiological Screen:** ✔ Pass  
**Residual Solvent Screen:** ✔ Pass  
**Mycotoxin Screen:** ✔ Pass

**Cannabinoid Profile**

02/14/2023

**Method:** MF-CHEM-15  
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Limit of Detection** 0.0333 mg/g  
**Limit of Quantification** 0.1000 mg/g

| Cannabinoid               | mg/g   | %     | mg/serving |
|---------------------------|--------|-------|------------|
| Δ8-THC                    | ND     | ND    | ND         |
| Δ9-THC                    | 0.16   | 0.016 | 0.82       |
| Δ9-THCA                   | ND     | ND    | ND         |
| THCV                      | ND     | ND    | ND         |
| THCVA                     | ND     | ND    | ND         |
| CBD                       | 5.65   | 0.565 | 28.64      |
| CBDA                      | ND     | ND    | ND         |
| CBC                       | 0.18   | 0.018 | 0.94       |
| CBCA                      | ND     | ND    | ND         |
| CBDV                      | <LOQ   | <LOQ  | <LOQ       |
| CBG                       | <LOQ   | <LOQ  | <LOQ       |
| CBGA                      | ND     | ND    | ND         |
| CBN                       | ND     | ND    | ND         |
| Total THC                 | 0.16   | 0.016 | 0.82       |
| Total CBD                 | 5.65   | 0.565 | 28.64      |
| Total Cannabinoids        | 6.00   | 0.600 | 30.39      |
| Sum of Cannabinoids       | 6.00   | 0.600 | 30.39      |
| <b>Serving Weight (g)</b> | 5.0670 |       |            |

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

**Comments** This result of this sample is confirmed with a retest.

**Microbiological Screen** ✔ Pass

02/14/2023

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

**Pesticide Residue Screen** ✔ Pass

02/14/2023

**Method:** MF-CHEM-13

**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             | 0.02/0.06     | 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)           | 0.02/0.06     | ND             | 0.02        | Pass   |
| Etofenprox              | 0.02/0.06     | ND             | 0.02        | Pass   |
| Etoazole                | 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   |
| 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   |
| Thiacloprid             | 0.02/0.06     | ND             | 0.02        | Pass   |
| Thiamethoxam            | 0.02/0.06     | ND             | 4.5         | Pass   |

| Analyte         | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|-----------------|---------------|----------------|-------------|--------|
| Trifloxystrobin | 0.02/0.06     | ND             | 30.0        | Pass   |

## Residual Solvent Screen ✔ Pass

02/14/2023

Method: USP OVI &lt;467&gt;

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

| Analyte                              | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|--------------------------------------|---------------|----------------|-------------|--------|
| 1,2-Dichloroethane                   | 0.2/0.5       | ND             | 1           | Pass   |
| Acetone                              | 67/200        | ND             | 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        | ND             | 5000        | Pass   |
| Ethyl acetate                        | 67/200        | ND             | 5000        | Pass   |
| Ethyl ether                          | 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 ✔ Pass

02/14/2023

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   |

## Mycotoxin Screen

02/14/2023

Method: MF-CHEM-13

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

| Analyte          | LOD/LOQ (ppb) | Findings (ppb) | Limit (ppb) | 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   |

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

Reported by




 Vu Lam  
 Lab Co Director


Scan to verify