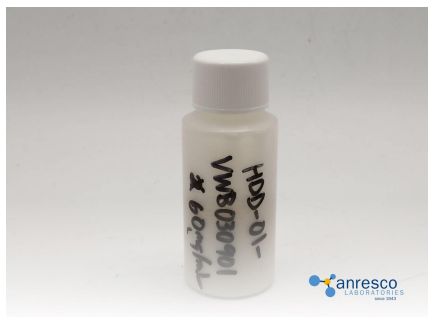


ANALYZED BY:

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

MANUFACTURER:

Vertosa
 1807 Santa Rita Road H330
 Pleasanton, CA 94566


SAMPLE INFORMATION

Sample No.: 1046273
Product Name: HDD-01-VWB030901
Matrix: Other

Date Received: 03/11/2020
Date Reported: 03/23/2020

TEST SUMMARY

Cannabinoid Profile:
Pesticide Residue Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Residual Solvent Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass
Overall: ✔ Pass

CANNABINOID PROFILE

03/16/2020

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/ml | Status |
|-------------------------------|-------------|--------------|-------|--------|
| Δ8-THC | ND | ND | 0 | - |
| Δ9-THC | ND | ND | 0 | - |
| Δ9-THCA | ND | ND | 0 | - |
| THCV | ND | ND | 0 | - |
| THCVA | ND | ND | 0 | - |
| CBD | 64.46 | 6.446 | 65.62 | - |
| CBDA | ND | ND | 0 | - |
| CBC | <LOQ (0.79) | <LOQ (0.079) | 0.81 | - |
| CBCA | ND | ND | 0 | - |
| CBDV | <LOQ (0.53) | <LOQ (0.053) | 0.54 | - |
| CBG | ND | ND | 0 | - |
| CBGA | ND | ND | 0 | - |
| CBN | ND | ND | 0 | - |
| Total THC | ND | ND | ND | - |
| Total CBD | 64.46 | 6.446 | 65.62 | - |
| Total Cannabinoids | 65.79 | 6.579 | 66.97 | - |
| Total Active Cannabinoids | 65.79 | 6.579 | 66.97 | - |
| g/ml Conversion Factor | 1.01795 | | | |

MICROBIOLOGICAL SCREEN

| Analysis | Method | Finding |
|----------------------------|--------------------|-----------|
| Salmonella/1g | AOAC 2016.01 | Negative |
| Standard Plate Count cfu/g | FDA BAM | <10 cfu/g |
| Yeast cfu/g | FDA BAM | <10 cfu/g |
| Mold cfu/g | FDA BAM | <10 cfu/g |
| Coliforms cfu/g | FDA BAM - ECC Agar | <10 cfu/g |
| E. coli cfu/g | FDA BAM - ECC Agar | <10 cfu/g |

PESTICIDE RESIDUE SCREEN ✔ Pass

03/16/2020

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 |
| Carbofuran | 0.04/0.10 | ND | 0.04 | Pass |
| Chlorantraniliprole | 0.04/0.10 | ND | 40.0 | Pass |

| Analyte | LOD / LOQ (µg/g) | Finding (µg/g) | Limit (µg/g) | Status |
|-------------------------|------------------|----------------|--------------|--------|
| 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 (Dichlorvos) | 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 | 0.04/0.10 | 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 | 0.04/0.10 | ND | 0.5 | Pass |
| Oxamyl | 0.20/0.50 | ND | 0.2 | Pass |
| Paclobutrazol | 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 | 0.04/0.10 | 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

03/16/2020

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 | <LOQ | 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 | 42.2 | 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

03/16/2020

Method: MF 24E020

Instrument: ICP-MS

| Analyte | LOD / LOQ (µg/g) | Finding (µg/g) | Limit (µg/g) | Status |
|---------|------------------|----------------|--------------|--------|
| Arsenic | 0.02/0.05 | 0.06 | 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 | 0.05 | 0.5 | Pass |

MYCOTOXIN SCREEN ✔ Pass

03/16/2020

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 | 1/5 | ND | - | - |
| Aflatoxin 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 |

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

Reported by


 Joshua Richard
 Director of Cannabis Services


Scan to verify