



CERTIFICATE OF ANALYSIS



Customer: Extract Labs

Collection Date: 04/17/2019
Order Date: 04/17/2019
Report Date: 04/23/2019
Order #699653
Batch # 19V1101004

Initial Weight: 7409.00/mg
Specimen Weight: 110.14/mg
Specimen Type: Extract
Extracted From: HEMP
Description: 52

| Potency | | | | | | (HPLC) | | |
|-------------|--------|--------|-----------|---------|--------|-------------|---------|--------|
| Analyte | mg/g | % | Analyte | mg/g | % | Analyte | mg/g | % |
| CBC | 0 | ND | CBCA | 0 | ND | CBD | 28.7300 | 2.8730 |
| CBDA | 0 | ND | CBDV | 0.4536 | 0.0454 | CBDVA | 0 | ND |
| CBG | 0.1595 | 0.0160 | CBGA | 0 | ND | CBL | 0 | ND |
| CBN | 0 | ND | CBNA | 0 | ND | Delta-8-THC | 0 | ND |
| Delta-9-THC | 0.5232 | 0.0523 | THCA-A | 0 | ND | THCV | 0.1501 | 0.0150 |
| THCVA | 0 | ND | Total CBD | 28.7300 | 2.8730 | Total THC | 0.5232 | 0.0523 |

| Pesticides | | | | | | (LCMS/MS) | | |
|-------------------|-----|--------------|-----|---------------------|-----|---------------------|-----|---------------------|
| Analyte | ppm | Analyte | ppm | Analyte | ppm | Analyte | ppm | Analyte |
| Abamectin | ND | Acephate | ND | Acequinocyl | ND | Acequinocyl | ND | Acequinocyl |
| Acetamiprid | ND | Aldicarb | ND | Azoxystrobin | ND | Azoxystrobin | ND | Azoxystrobin |
| Bifenazate | ND | Bifenthrin | ND | Boscalid | ND | Boscalid | ND | Boscalid |
| Carbaryl | ND | Carbofuran | ND | Chlorantraniliprole | ND | Chlorantraniliprole | ND | Chlorantraniliprole |
| Chlorpyrifos | ND | Clofentezine | ND | Cypermethrin | ND | Cypermethrin | ND | Cypermethrin |
| Daminozide | ND | Diazinon | ND | Dichlorvos | ND | Dichlorvos | ND | Dichlorvos |
| Dimethoate | ND | Ethoprophos | ND | Etofenprox | ND | Etofenprox | ND | Etofenprox |
| Etoxazole | ND | Fenoxycarb | ND | Fipronil | ND | Fipronil | ND | Fipronil |
| Fonicamid | ND | Fludioxonil | ND | Hexythiazox | ND | Hexythiazox | ND | Hexythiazox |
| Imazalil | ND | Imidacloprid | ND | Kresoxim Methyl | ND | Kresoxim Methyl | ND | Kresoxim Methyl |
| Malathion A | ND | Metaxyl | ND | Methiocarb | ND | Methiocarb | ND | Methiocarb |
| Methomyl | ND | MGK-264 | ND | Myclobutanil | ND | Myclobutanil | ND | Myclobutanil |
| Naled | ND | Oxamyl | ND | Paclobutrazol | ND | Paclobutrazol | ND | Paclobutrazol |
| Parathion-methyl | ND | Permethrin | ND | Phosmet | ND | Phosmet | ND | Phosmet |
| Piperonylbutoxide | ND | Prallethrin | ND | Propiconazole | ND | Propiconazole | ND | Propiconazole |
| Propoxur | ND | Pyrethrins | ND | Pyridaben | ND | Pyridaben | ND | Pyridaben |
| Spinosyn A | ND | Spinosyn D | ND | Spiromesifen | ND | Spiromesifen | ND | Spiromesifen |
| Spirotetramat | ND | Spiroxamine | ND | Tebuconazole | ND | Tebuconazole | ND | Tebuconazole |
| Thiacloprid | ND | Thiamethoxam | ND | Trifloxystrobin | ND | Trifloxystrobin | ND | Trifloxystrobin |

| Terpenes | | | | | | (GC/GCMS) | | |
|--------------|------|----|--------------|--------|--------|---------------------|--------|--------|
| Analyte | mg/g | % | Analyte | mg/g | % | Analyte | mg/g | % |
| 3-Carene | 0 | ND | Alpha-Pinene | 0 | ND | Aromadendrene | 0 | ND |
| Beta-Myrcene | 0 | ND | Beta-Pinene | 0 | ND | Camphene | 0.0300 | 0.0030 |
| Fenchol | 0 | ND | Humulene | 0.1200 | 0.0120 | Linalool | 0 | ND |
| R-Limonene | 0 | ND | Terpineol | 0 | ND | Trans-Caryophyllene | 0 | ND |

Thomas Farrell, MD
Lab Director

* Total CBD = CBD + (CBD-A * 0.877). Total THC = THCA-A * 0.877 + Delta 9 THC. T-Caryophyllene = Trans-Caryophyllene, ND = Not Detected, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (cfu) = Colony Forming Unit, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram. This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise.

721 Cortaro Drive
Sun City Center, FL - 33573

P: +1 (866) 762-8379
F: +1 (813) 634-4538

E: info@acslabcannabis.com License No. 800025015
http://www.acslabcannabis.com CLIA No. 10D1094068



CERTIFICATE OF ANALYSIS



Customer: Extract Labs

| | |
|------------------------------------|-----------------------------------|
| Collection Date: 04/17/2019 | Initial Weight: 7409.00/mg |
| Order Date: 04/17/2019 | Specimen Weight: 110.14/mg |
| Report Date: 04/23/2019 | Specimen Type: Extract |
| Order # 699653 | Extracted From: HEMP |
| Batch # 19V1101004 | Description: 52 |

| Heavy Metals (ICP-MS) | | | | | |
|-----------------------|-----|--------------|-----|-----------|-----|
| Analyte | ppb | Analyte | ppb | Analyte | ppb |
| Arsenic (As) | ND | Cadmium (Cd) | ND | Lead (Pb) | ND |
| Mercury (Hg) | ND | | | | |

| Mycotoxins (LCMS/MS) | | | | | |
|----------------------|---------|--------------|---------|--------------|---------|
| Analyte | (µg/Kg) | Analyte | (µg/Kg) | Analyte | (µg/Kg) |
| Aflatoxin B1 | ND | Aflatoxin B2 | ND | Aflatoxin G1 | ND |
| Aflatoxin G2 | ND | Ochratoxin A | ND | | |

| Microbiology (qPCR) (qPCR) | | | | | |
|----------------------------|----------|----------------|----------|--------------------------|----------|
| Analyte | | Analyte | | Analyte | |
| Total Aerobic Count | Negative | Total Coliform | Negative | Total Enterobacteriaceae | Negative |
| Total Yeast/Mold | Negative | | | | |

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Lab Director

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