

High Grade Confidential

License#: 2320 E Baseline Rd Ste 490
Phoenix, AZ 85042
(520) 780-7740

Additional Licenses:
Batch #: 14090121; External Lot #:
Sample Batch Collection: 09/09/21 16:10; Sample Batch Collected By: High Grade Confiden
Sample Received: 9/9/2021; Report Created: 9/27/2021

AMF OG

Laboratory Number: 2109077-04
Flower

| | | | | | | |
|---------------------------------|---------------------------|--|-----------------------|---------------------------------|----------------------------|------------------------------------|
| Herbicides Not Tested | Pesticides PASS | Residual Solvents Not Tested | Metals PASS | Mycotoxins Not Tested | Aspergillus PASS | E. Coli/ Salmonella PASS |
|---------------------------------|---------------------------|--|-----------------------|---------------------------------|----------------------------|------------------------------------|

Sample Image



Residual Solvents (GCMS-MS) Analyzed: By:

| Analyte | RL | ppm | Q |
|-------------------|----|-----|---|
| Propane | NT | NT | |
| Butanes | NT | NT | |
| Pentanes | NT | NT | |
| Acetonitrile | NT | NT | |
| Dichloromethane | NT | NT | |
| Hexanes | NT | NT | |
| Chloroform | NT | NT | |
| n-Heptane | NT | NT | |
| Methanol | NT | NT | |
| Ethanol | NT | NT | |
| Diethyl Ether | NT | NT | |
| Acetone | NT | NT | |
| Isopropanol | NT | NT | |
| Ethyl acetate | NT | NT | |
| Isopropyl acetate | NT | NT | |
| Benzene | NT | NT | |
| Toluene | NT | NT | |
| Xylenes | NT | NT | |

Cannabinoid (HPLC) Analyzed: 09/15/21 By: CBH

| Analyte | LOQ % | % | mg/g | Q |
|-------------|-------|-------|-------|----|
| THC-A | 0.52 | 31.36 | 313.6 | D1 |
| delta 9-THC | 0.05 | 0.77 | 7.7 | |
| delta 8-THC | 0.05 | ND | ND | |
| THC-V | 0.05 | ND | ND | |
| CBG-A | 0.05 | 1.15 | 11.5 | |
| CBD-A | 0.05 | 0.12 | 1.2 | |
| CBD | 0.05 | ND | ND | |
| CBD-V | 0.05 | ND | ND | |
| CBN | 0.05 | ND | ND | |
| CBG | 0.05 | 0.11 | 1.1 | |
| CBC | 0.05 | ND | ND | |

Metals (ICP-MS) Analyzed: 09/21/21 By: MLC

| Element | RL | ppm | Q |
|---------|-------|-----|---|
| Arsenic | 0.100 | ND | |
| Cadmium | 0.100 | ND | |
| Lead | 0.100 | ND | |
| Mercury | 0.010 | ND | |

Regulated Microbials (Petrifilm) Analyzed: 9/16/2021 By: NKB

| Pathogens | RL | Result | Units | Q |
|-----------|------|--------|-------|---|
| E. coli | 10.0 | ND | cfu/g | |

Regulated Microbials (PCR) Analyzed: 9/13/2021 By: LEF

| Pathogens | RL | Result | Units | Q |
|-------------|------|--------|-------|---|
| Aspergillus | 1.00 | Absent | cfu/g | |
| Salmonella | 1.00 | Absent | cfu/g | |

| | | |
|--|---|---|
| 28.27 % 282.67 mg/g Total THC | 0.10 % 1.04 mg/g Total CBD | 33.50 % 335.00 mg/g Total Cannabinoids |
|--|---|---|

Total THC = THCa * 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA * 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: By:

| Pathogens | RL | ppb | Q |
|-------------|----|-----|---|
| Aflatoxins | NT | NT | |
| Ochratoxins | NT | NT | |

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Tabitha A. Hauer
Tabitha Hauer
Owner

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| Pesticides (LC-MS TQ) Analyzed: 09/15/21 By: JVR | | | | | | | |
|--|-------|-----|------------|-------------------|-------|-----|--------|
| Analyte | RL | ppm | Q | Analyte | RL | ppm | Q |
| Acephate | 0.197 | ND | | Acequinocyl | 0.985 | ND | L1, V1 |
| Acetamiprid | 0.098 | ND | | Aldicarb | 0.197 | ND | V1 |
| Azoxystrobin | 0.098 | ND | | Bifenthrin | 0.098 | ND | |
| Boscalid | 0.197 | ND | | Carbaryl | 0.098 | ND | |
| Carbofuran | 0.098 | ND | | Chlorpyrifos | 0.098 | ND | |
| Diazinon | 0.098 | ND | | Dimethoate | 0.098 | ND | |
| Ethoprophos | 0.098 | ND | | Etofenprox | 0.197 | ND | |
| Etoxazole | 0.098 | ND | | Fenoxycarb | 0.098 | ND | |
| Fenpyroximate E | 0.197 | ND | | Fonicamid | 0.492 | ND | |
| Fludioxonil | 0.197 | ND | L1, R1, V1 | Hexythiazox | 0.492 | ND | |
| Imazalil | 0.098 | ND | L1 | Imidacloprid | 0.197 | ND | |
| Kresoxim-methyl | 0.197 | ND | | Malathion | 0.098 | ND | |
| Metalaxyl | 0.098 | ND | | Methiocarb | 0.098 | ND | |
| Methomyl | 0.197 | ND | R1 | Myclobutanil | 0.098 | ND | |
| Naled | 0.246 | ND | | Oxamyl | 0.492 | ND | |
| Piperonyl butoxide | 0.985 | ND | | Propiconazole | 0.197 | ND | |
| Propoxure | 0.098 | ND | | Spiromesifen | 0.098 | ND | R2 |
| Spirotetramat | 0.098 | ND | R1 | Spiroxamine | 0.197 | ND | |
| Tebuconazole | 0.197 | ND | | Thiacloprid | 0.098 | ND | |
| Thiamethoxam | 0.098 | ND | | Trifloxystrobin | 0.098 | ND | |
| Abamectin | 0.246 | ND | | Bifenazate | 0.098 | ND | V1 |
| Chlorantraniliprole | 0.098 | ND | | Clofentezine | 0.098 | ND | |
| Cyfluthrin | 0.985 | ND | L1 | Cypermethrin | 0.492 | ND | |
| Daminozide | 0.492 | ND | L1, V1 | DDVP (Dichlorvos) | 0.049 | ND | |
| Fipronil | 0.197 | ND | | Paclobutrazol | 0.197 | ND | V1 |
| Permethrins | 0.098 | ND | | Phosmet | 0.098 | ND | |
| Prallethrin | 0.098 | ND | V1 | Pyrethrins | 0.492 | ND | V1 |
| Pyridaben | 0.098 | ND | | Spinosad | 0.098 | ND | |
| Chlorfenapyr | 0.985 | ND | | | | | |

| Herbicides (LC-MS TQ) Analyzed: By: | | | |
|-------------------------------------|----|-----|---|
| Analyte | RL | ppm | Q |
| Pendimethalin | NT | NT | |

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

| | RL | Result | Units | Q |
|------------------|----|--------|-------|---|
| Pathogens | | | | |
| Total Coliform | NT | NT | cfu/g | |
| Yeast | NT | NT | cfu/g | |
| Mold | NT | NT | cfu/g | |
| Aerobic Bacteria | NT | NT | cfu/g | |
| Enterobacteria | NT | NT | cfu/g | |

Terpenes (GCMS-MS) Analyzed: By:

| Compound | % | mg/g | Q |
|-----------------------------|----|------|---|
| alpha-Bisabolol | NT | NT | |
| (-)-Borneol and (+)-Borneol | NT | NT | |
| Camphene | NT | NT | |
| Camphor | NT | NT | |
| beta-Caryophyllene | NT | NT | |
| trans-Caryophyllene | NT | NT | |
| Caryophyllene Oxide | NT | NT | |
| alpha-Cedrene | NT | NT | |
| Cedrol | NT | NT | |
| Endo-fenchyl Alcohol | NT | NT | |
| Eucalyptol | NT | NT | |
| Fenchone | NT | NT | |
| Geraniol | NT | NT | |
| Geranyl acetate | NT | NT | |
| Guaiol | NT | NT | |
| Hexahydrothymol | NT | NT | |
| alpha-Humulene | NT | NT | |
| Isoborneol | NT | NT | |
| Isopulegol | NT | NT | |
| Limonene | NT | NT | |
| Linalool | NT | NT | |
| p-Mentha-1,5-diene | NT | NT | |
| beta-Myrcene | NT | NT | |
| trans-Nerolidol | NT | NT | |
| Ocimene | NT | NT | |
| alpha-Pinene | NT | NT | |
| beta-Pinene | NT | NT | |
| Pulegone | NT | NT | |
| Sabinene | NT | NT | |
| Sabinene Hydrate | NT | NT | |
| gamma-Terpinene | NT | NT | |
| alpha-Terpinene | NT | NT | |
| 3-Carene | NT | NT | |
| Terpineol | NT | NT | |
| Terpinolene | NT | NT | |
| Valencene | NT | NT | |
| Nerol | NT | NT | |
| cis-Nerolidol | NT | NT | |
| Total Terpenes | NT | NT | |

Water Activity (Moisture Reacter) Analyzed: By:

| Compound | AW | Q |
|----------------|----|---|
| Water Activity | NT | |

Moisture (Drying Oven) Analyzed: By:

| Compound | % | Q |
|------------------|----|---|
| Percent Moisture | NT | |

pH Test (HannHI11310) Analyzed: By:

| Compound | NA | Q |
|----------|----|---|
| pH | NT | |

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QUALIFIER DEFINITIONS AND CASE NARRATIVE

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- N1 Terpenes not regulated as per ADHS.
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
- R1 The relative percent difference (RPD) for the laboratory control sample and duplicate is more than 20%, but the percent recovery for the laboratory control sample and duplicate is within acceptance criteria.
- R2 The relative percent difference (RPD) for a sample and duplicate is more than 40%.
- V1 Continuing Calibration Verification (CCV) or Quality Control Sample (QCS) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements , and the reason for the variance will be described in the Work Order memo.

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