

Territory On-Site Cultivation

550 W. McKellips Rd
Mesa AZ 85201, AZ 85201
480-201-0000

Laboratory Number: 2009151-01

Batch #: 38CA020A73EDE6
Sample Received: 9/10/2020; Report Created: 10/23/2020

GRATEFUL BREATH FLOWER (09.09.2020)

Flower

Sample Image



Terpenes (GCMS-MS) Analyzed: 09/12/20 By: ESA

| Compound | % | mg/g |
|-----------------------------|-------------|--------------|
| alpha-Bisabolol | 0.06 | 0.6 |
| (-)-Borneol and (+)-Borneol | ND | ND |
| Camphene | ND | ND |
| Camphor | ND | ND |
| beta-Caryophyllene | ND | ND |
| trans-Caryophyllene | 0.21 | 2.1 |
| Caryophyllene Oxide | ND | ND |
| alpha-Cedrene | ND | ND |
| Cedrol | ND | ND |
| Endo-fenchyl Alcohol | 0.05 | 0.5 |
| Eucalyptol | ND | ND |
| Fenchone | ND | ND |
| Geraniol | ND | ND |
| Geranyl acetate | ND | ND |
| Guaiol | ND | ND |
| Hexahydrothymol | ND | ND |
| alpha-Humulene | 0.14 | 1.4 |
| Isoborneol | ND | ND |
| Isopulegol | ND | ND |
| Limonene | 0.51 | 5.1 |
| Linalool | 0.23 | 2.3 |
| p-Mentha-1,5-diene | ND | ND |
| beta-Myrcene | 0.81 | 8.1 |
| trans-Nerolidol | ND | ND |
| Ocimene | ND | ND |
| alpha-Pinene | 0.04 | 0.4 |
| beta-Pinene | 0.07 | 0.7 |
| Pulegone | ND | ND |
| Sabinene | ND | ND |
| Sabinene Hydrate | ND | ND |
| gamma-Terpinene | ND | ND |
| alpha-Terpinene | ND | ND |
| 3-Carene | ND | ND |
| Terpineol | 0.06 | 0.6 |
| Terpinolene | ND | ND |
| Valencene | ND | ND |
| Nerol | ND | ND |
| cis-Nerolidol | ND | ND |
| Total Terpenes | 2.18 | 21.80 |

Cannabinoid (HPLC) Analyzed: 09/13/20 By: EGP

| Compound | LOQ % | % | mg/g |
|-------------|-------|-------|-------|
| THC-A | 0.05 | 27.47 | 274.7 |
| delta 9-THC | 0.05 | 0.31 | 3.1 |
| delta 8-THC | 0.05 | ND | ND |
| CBG-A | 0.05 | 0.89 | 8.9 |
| THC-V | 0.05 | ND | ND |
| CBD-A | 0.05 | 0.06 | 0.6 |
| CBD | 0.05 | ND | ND |
| CBD-V | 0.05 | ND | ND |
| CBN | 0.05 | ND | ND |
| CBG | 0.05 | 0.09 | 0.9 |
| CBC | 0.05 | ND | ND |

24.41 %
244.11 mg/g

Total THC

0.05 %
0.52 mg/g

Total CBD

28.80 %
288.00 mg/g

Total Cannabinoids

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

0.00 : 1
CBD to THC Ratio

Not Tested
Water Activity

Not Tested
Moisture

Safety

Complete
Pesticides

Complete
Microbials

Complete
Residual Solvents

Complete
Metals

Not Tested
pH

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Erin Polly
Erin Polly
Technical Laboratory Director



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Metals Analyzed: 09/17/20 By: ESA

| Compound | RL | ppm |
|----------|-------|-----|
| Arsenic | 0.050 | ND |
| Cadmium | 0.050 | ND |
| Lead | 0.050 | ND |
| Mercury | 0.005 | ND |

Mycotoxins Analyzed: By:

| Compound | RL | ppb |
|-------------|----|-----|
| Aflatoxins | NT | NT |
| Ochratoxins | NT | NT |

Microbials Analyzed: By:

| Compound | RL | Result | Units |
|------------------|----|--------|-------|
| 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 |

Microbials Analyzed: 9/15/2020 By: BMR


| Compound | RL | Result | Units |
|-------------|------|--------|-------|
| Salmonella | 1.00 | Absent | cfu/g |
| Aspergillus | 1.00 | Absent | cfu/g |
| E. coli | 1.00 | ND | cfu/g |

Residual Solvents (GCMS-MS) Analyzed: 09/13/20 By: EGP

| Compound | RL | ppm |
|----------------------|-------|------|
| iso-Butane | 5.00 | ND |
| Propane | NT | NT |
| Butanes | NT | NT |
| n-Butane | 5.00 | ND |
| Pentanes | NT | NT |
| Ethanol | 5.00 | ND |
| Acetonitrile | 5.00 | ND |
| 2-Methylbutane | 5.00 | ND |
| Acetonitrile | 5.00 | ND |
| Dichloromethane | NT | NT |
| Acetone | 50.00 | ND |
| Hexanes | NT | NT |
| Chloroform | 5.00 | ND |
| 2-Propanol (IPA) | 5.00 | 7.03 |
| n-Heptane | 5.00 | ND |
| n-Pentane | 5.00 | ND |
| Methanol | NT | NT |
| n-Hexane | 5.00 | ND |
| Chloroform | 5.00 | ND |
| Ethanol | 5.00 | ND |
| Tetrahydrofuran | 5.00 | ND |
| Diethyl Ether | NT | NT |
| Acetone | 50.00 | ND |
| Benzene | 5.00 | ND |
| Carbon Tetrachloride | 5.00 | ND |
| Isopropanol | NT | NT |
| Ethyl acetate | NT | NT |
| n-Heptane | 5.00 | ND |
| Toluene | 5.00 | ND |
| Isopropyl acetate | NT | NT |
| Xylenes (m,p) | 10.00 | ND |
| Benzene | 5.00 | ND |
| o-Xylene | 5.00 | ND |
| Toluene | 5.00 | ND |
| Xylenes | NT | NT |

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| Pesticides (LC-MS TQ) Analyzed: 09/23/20 By: EGP | | | | | |
|--|--------|-----|---------------------|--------|-----|
| Compound | RL | ppm | Compound | RL | ppm |
| Abamectin | 0.0008 | ND | Acephate | 0.0004 | ND |
| Acequinocyl | 0.002 | ND | Acetamiprid | 0.0002 | ND |
| Aldicarb | 0.0004 | ND | Azoxystrobin | 0.0002 | ND |
| Bifenazate | 0.0002 | ND | Bifenthrin | 0.0002 | ND |
| Boscalid | 0.0004 | ND | Carbaryl | 0.0002 | ND |
| Carbofuran | 0.0002 | ND | Chlorantraniliprole | 0.0002 | ND |
| Chlorfenapyr | 0.001 | ND | Chlorpyrifos | 0.0002 | ND |
| Clofentezine | 0.0002 | ND | Cyfluthrin | 0.001 | ND |
| Cypermethrin | 0.001 | ND | Daminozide | 0.001 | ND |
| DDVP (Dichlorvos) | 0.0001 | ND | Diazinon | 0.0002 | ND |
| Dimethoate | 0.0002 | ND | Ethoprophos | 0.0002 | ND |
| Etofenprox | 0.0004 | ND | Etoxazole | 0.0001 | ND |
| Fenoxycarb | 0.0002 | ND | Fenpyroximate E | 0.0004 | ND |
| Fipronil | 0.0004 | ND | Flonicamid | 0.001 | ND |
| Fludioxonil | 0.0004 | ND | Hexythiazox | 0.001 | ND |
| Imazalil | 0.0004 | ND | Imidacloprid | 0.0002 | ND |
| Kresoxim-methyl | 0.0004 | ND | Malathion | 0.0005 | ND |
| Metalaxyl | 0.0002 | ND | Methiocarb | 0.0002 | ND |
| Methomyl | 0.0004 | ND | MGK-264 | 0.0002 | ND |
| Myclobutanil | 0.0004 | ND | Naled | 0.0005 | ND |
| Oxamyl | 0.001 | ND | Paclobutrazol | 0.0004 | ND |
| Parathion_methyl | 0.001 | ND | Permethrins | 0.0004 | ND |
| Phosmet | 0.0002 | ND | Piperonyl butoxide | 0.002 | ND |
| Prallethrin | 0.0002 | ND | Propiconazole | 0.0004 | ND |
| Propoxure | 0.0002 | ND | Pyrethrins | 0.005 | ND |
| Pyridaben | 0.0002 | ND | Spinosad | 0.0007 | ND |
| Spiromesifen | 0.0003 | ND | Spirotetramat | 0.0002 | ND |
| Spiroxamine | 0.0004 | ND | Tebuconazole | 0.0001 | ND |
| Thiacloprid | 0.0002 | ND | Thiamethoxam | 0.0002 | ND |
| Trifloxystrobin | 0.0002 | ND | | | |

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