



Customer: GEO CBD
 Customer Sample ID: F0190729-600
 Laboratory Number: 19H0193-03

Density: 0.979

Cannabinoid Profile

Extraction Technician: GB
 Analytical Chemist: CB

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 8/19/2019 | 8/20/2019 |

| Cannabinoids (HPLC) | | Results | |
|---|-------------|-------------------|-------|
| | LOD (mg/mL) | % | mg/mL |
| Cannabidivarin (CBDV) | <0.20 | | |
| Cannabidiolic Acid (CBD-A) | <0.20 | | |
| Cannabigerolic Acid (CBG-A) | <0.20 | | |
| Cannabigerol (CBG) | <0.20 | | |
| Cannabidiol (CBD) | | 2.57 | 25.7 |
| Tetrahydrocannabivarin (THCV) | <0.20 | | |
| Cannabinol (CBN) | <0.20 | | |
| delta 9-Tetrahydrocannabinol (THC) | | 0.10 | 0.958 |
| delta 8-Tetrahydrocannabinol | <0.20 | | |
| Cannabichromene (CBC) | | 0.12 | 1.24 |
| delta-9-Tetrahydrocannabinolic Acid (THC-A) | <0.20 | | |
| Cannabinoids Total | | % | mg/mL |
| Max Active THC | | 0.10 | 0.96 |
| Max Active CBD | | 2.57 | 25.70 |
| T.Active Cannabinoids | | 2.79 | 27.9 |
| Total Cannabinoids | | 2.79 | 27.9 |
| Ratios | | | |
| 26.78:1 CBD to THC | | 0.04:1 THC to CBD | |

Cannabinoid (mg/mL)



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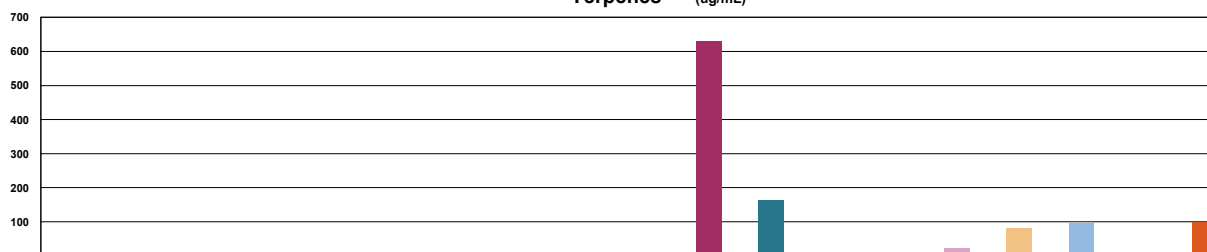
Terpene Profile

Extraction Technician: GB
 Analytical Chemist: GB

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 8/19/2019 | 8/20/2019 |

| Terpene | Results | Terpene | Results |
|--------------------------------|---------|---------------------------------|---------|
| | ug/mL | | ug/mL |
| alpha-Pinene | | Isoborneol | |
| Camphene | | Hexahydrothymol | |
| Sabinene | | (+)-Borneol and (-)-Borneol | |
| beta-Pinene and beta-Myrcene | | alpha-Terpineol | |
| p-Mentha-1,5-diene | | gamma-Terpineol | |
| (1S)-(+)-3-Carene | | Nerol | |
| alpha-Terpinene | | Geraniol | |
| Ocimene Peak 1 | | (+)-Pulegone | |
| (R) - (+)-Limonene | | Geranyl Acetate | |
| Ocimene Peak 2 | | alpha-Cedrene | |
| Eucalyptol (1,8-Cineole) | | trans-Caryophyllene | 630 |
| gamma-Terpinene | | alpha-Humulene | 163 |
| Sabinene Hydrate | | Valencene | |
| Terpinolene | | cis-Nerolidol | |
| Linalool | | trans-Nerolidol | 22.6 |
| (+)-Fenchone and L(-)-Fenchone | | Guaiol | 80.5 |
| (1R)-Endo-(+)-Fenchyl | | (-)-Caryophyllene Oxide | 96.2 |
| (-)-Isopulegol | | (+)-Cedrol | |
| Camphor and (1S)-(-)-Camphor | | (-)-alpha-Bisabolol (Levomenol) | 99.6 |

Terpenes (ug/mL)



- | | | | |
|--|--|---|--|
| ■ alpha-Pinene | ■ Eucalyptol (1,8-Cineole) | ■ Hexahydrothymol | ■ alpha-Humulene |
| ■ Camphene | ■ gamma-Terpinene | ■ (+)-Borneol and (-)-Borneol | ■ Valencene |
| ■ Sabinene | ■ Sabinene Hydrate | ■ alpha-Terpineol | ■ cis-Nerolidol |
| ■ beta-Pinene and beta-Myrcene | ■ Terpinolene | ■ gamma-Terpineol | ■ trans-Nerolidol |
| ■ p-Mentha-1,5-diene | ■ Linalool | ■ Nerol | ■ Guaiol |
| ■ (1S)-(+)-3-Carene | ■ (+)-Fenchone and L(-)-Fenchone | ■ Geraniol | ■ (-)-Caryophyllene Oxide |
| ■ alpha-Terpinene | ■ (1R)-Endo-(+)-Fenchyl | ■ (+)-Pulegone | ■ (+)-Cedrol |
| ■ Ocimene Peak 1 | ■ (-)-Isopulegol | ■ Geranyl Acetate | ■ (-)-alpha-Bisabolol (Levomenol) |
| ■ (R) - (+)-Limonene | ■ Camphor and (1S)-(-)-Camphor | ■ alpha-Cedrene | |
| ■ Ocimene Peak 2 | ■ Isoborneol | ■ trans-Caryophyllene | |

Reporting limit is roughly 40 ug/g depending on amount extracted.

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Residual Solvents Profile

Extraction Technician: GB
 Analytical Chemist: GB

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 8/19/2019 | 8/19/2019 |

| Residual Solvents | Results | Calibration Range |
|------------------------|---------|-------------------|
| | ug/mL | |
| Propane | <88.4 | 100 - 2000 |
| Isobutane | <88.4 | 100 - 2000 |
| Methanol | <88.4 | 100 - 2000 |
| Butane | <88.4 | 100 - 2000 |
| Isopropanol | <88.4 | 100 - 2000 |
| Ethanol | <88.4 | 100 - 2000 |
| 2-Methyl Butane | <88.4 | 100 - 2000 |
| Acetonitrile | <88.4 | 100 - 2000 |
| Acetone | <88.4 | 100 - 2000 |
| n-Pentane | <88.4 | 100 - 2000 |
| n-Hexane | <44.2 | 50 - 2000 |
| Tetrahydrofuran | <88.4 | 100 - 2000 |
| Benzene | <0.884 | 1.0 - 50 |
| n-Heptane | <88.4 | 100 - 2000 |
| Toluene | <88.4 | 100 - 2000 |
| Ethylbenzene | <88.4 | 100 - 2000 |
| m+p Xylene | <88.4 | 100 - 2000 |
| o-Xylene | <88.4 | 100 - 2000 |
| Total Xylenes | <88.4 | 100 - 2000 |
| 1,2,3-Trimethylbenzene | <88.4 | 100 - 2000 |

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Metals Profile

Extraction Technician: MF
Analytical Chemist: MF

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 8/19/2019 | 8/28/2019 |

| Metals (ICP/MS) | Method Code | Results | Units |
|-----------------|-------------|---------|-------|
| Arsenic | ICPMS.1 | <20.0 | ppb |
| Cadmium | ICPMS.1 | <10.0 | ppb |
| Lead | ICPMS.1 | 7.00 | ppb |
| Mercury | ICPMS.1 | <5.00 | ppb |

Limits for metals vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits.

Microbial Profile

Extraction Technician: MF
Analytical Chemist: MF

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 8/19/2019 | 8/28/2019 |

| Microbials | Method Code | Results | Units |
|-------------------------|--------------|----------|-------|
| Salmonella spp. | S.aureus.1.a | Negative | /g |
| Non-0157 STEC | STEC.1.b | Negative | /g |
| Listeria Monocytogenes | Lmono.2 | Negative | /g |
| Aerobic Plate Count | APC.1a | <10.0 | cfu/g |
| Total Coliform Bacteria | TCEC.1a | <10.0 | cfu/g |
| Escherichia coli | TCEC.1a | <10.0 | cfu/g |
| Staphylococcus Aureus | TCEC.1a | <10.0 | cfu/g |
| Yeast and Mold | PetriFilms | <10.0 | cfu/g |

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Pesticide Profile

Extraction Technician: GB
 Analytical Chemist: rdh

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 8/19/2019 | 8/23/2019 |

| Pesticides | Results | Pos/Neg | LOD(ug/mL) |
|---------------------|---------|---------|------------|
| | ug/mL | | |
| Abamectin | ND | NEG | 0.0590 |
| Acephate | ND | NEG | 0.0337 |
| Acequinocyl | ND | NEG | 0.169 |
| Acetamiprid | ND | NEG | 0.0169 |
| Aldicarb | ND | NEG | 0.0337 |
| Azoxystrobin | ND | NEG | 0.0169 |
| Bifenazate | ND | NEG | 0.0169 |
| Bifenthrin | ND | NEG | 0.0169 |
| Boscalid | ND | NEG | 0.0337 |
| Carbaryl | ND | NEG | 0.0169 |
| Carbofuran | ND | NEG | 0.0169 |
| Chlorantraniliprole | ND | NEG | 0.0169 |
| Chlorfenapyr | ND | NEG | 0.0843 |
| Chlorpyrifos | ND | NEG | 0.0169 |
| Clofentezine | ND | NEG | 0.0169 |
| Cyfluthrin | ND | NEG | 0.0843 |
| Cypermethrin | ND | NEG | 0.0843 |
| Daminozide | ND | NEG | 0.0843 |
| DDVP (Dichlorvos) | ND | NEG | 0.00843 |
| Diazinon | ND | NEG | 0.0169 |
| Dimethoate | ND | NEG | 0.0169 |
| Ethoprophos | ND | NEG | 0.0169 |
| Etofenprox | ND | NEG | 0.0337 |
| Etoxazole | ND | NEG | 0.00843 |
| Fenoxycarb | ND | NEG | 0.0169 |
| Fenpyroximate | ND | NEG | 0.0337 |
| Fipronil | ND | NEG | 0.0337 |
| Fonicamid | ND | NEG | 0.0843 |
| Fludioxonil | ND | NEG | 0.0337 |
| Hexythiazox | ND | NEG | 0.0843 |
| Imazalil | ND | NEG | 0.0337 |

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Pesticide Profile

Extraction Technician: GB
 Analytical Chemist: rdh

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 8/19/2019 | 8/23/2019 |

| Pesticides | Results | Pos/Neg | LOD(ug/mL) |
|--------------------|---------|---------|------------|
| | ug/mL | | |
| Imidacloprid | ND | NEG | 0.0169 |
| Kresoxim-methyl | ND | NEG | 0.0337 |
| Malathion | ND | NEG | 0.0422 |
| Metalaxyl | ND | NEG | 0.0169 |
| Methiocarb | ND | NEG | 0.0169 |
| Methomyl | ND | NEG | 0.0337 |
| Methyl parathion | ND | NEG | 0.0843 |
| MGK-264 | ND | NEG | 0.0169 |
| Myclobutanil | ND | NEG | 0.0337 |
| Naled | ND | NEG | 0.0422 |
| Oxamyl | ND | NEG | 0.0843 |
| Paclobutrazol | ND | NEG | 0.0337 |
| Permethrins | ND | NEG | 0.0337 |
| Phosmet | ND | NEG | 0.0169 |
| Piperonyl Butoxide | ND | NEG | 0.169 |
| Prallethrin | ND | NEG | 0.0169 |
| Propiconazole | ND | NEG | 0.0337 |
| Propoxure | ND | NEG | 0.0169 |
| Pyrethrins | ND | NEG | 0.422 |
| Pyridaben | ND | NEG | 0.0169 |
| Spinosad | ND | NEG | 0.0506 |
| Spiromesifen | ND | NEG | 0.0253 |
| Spirotetramat | ND | NEG | 0.0169 |
| Spiroxamine | ND | NEG | 0.0337 |
| Tebuconazole | ND | NEG | 0.00843 |
| Thiacloprid | ND | NEG | 0.0169 |
| Thiamethoxam | ND | NEG | 0.0169 |
| Trifloxystrobin | ND | NEG | 0.0169 |

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