



Certificate of Analysis

| | | | |
|----------------|--|----------------|----------------------|
| CLIENT: | Mother Earth Farms | SAMPLE: | Donkey Butter |
| Attn.: | Julian Berlove | Laboratory ID: | 180908-003 |
| Address: | 1000 1st Ave Unit 2001, Seattle, WA, 98104 | Type: | Flower |
| | | Inventory ID: | WAJ425080.IN6TSEI |
| | | Batch ID: | WAJ425080.BA7HSY5 |
| | | Received on: | 09.08.2018 |
| | | Reported on: | 09.11.2018 |

Cannabinoids method and instrument: UFLC-PDA

| Cannabinoids | Abbreviation | Result | Unit |
|---|--------------|------------------|--------------|
| Cannabidiol | CBDV | ND | % by mass |
| Tetrahydrocannabivarin | THCV | ND | % by mass |
| Cannabidiol | CBD | ND | % by mass |
| Cannabigerol | CBG | ND | % by mass |
| Cannabidiolic Acid | CBDA | ND | % by mass |
| Cannabigerol Acid | CBGA | 0.27 | % by mass |
| Cannabinol | CBN | ND | % by mass |
| delta-9-Tetrahydrocannabinol | THC | 0.64 | % by mass |
| delta-8-Tetrahydrocannabinol | Δ8-THC | ND | % by mass |
| Cannabichromene | CBC | ND | % by mass |
| Tetrahydrocannabinolic Acid | THCA | 14.20 | % by mass |
| Total CBX = CBX + (CBXA x 0.877) | | Total THC | 13.09 |
| | | Total CBD | ND |

Water Activity method and instrument: AquaLab 4TE Duo by Decagon

| Moisture Content | Result | Unit | State Limit |
|------------------|--------|------|-------------|
| Moisture | 6.9 | % Mw | 15 |
| Water Activity | 0.49 | Aw | 0.65 |

Micro & Mycotoxin method and instrument: Petrifilm Count Plates + AgraQuant

| Micro & Mycotoxin | Result | Unit | State Limit | Retest Limit |
|-------------------------|--------|-------|---------------|--------------|
| Bile Tolerant gram neg | ND | CFU/g | 10,000 | 20,000 |
| E.Coli | ND | CFU/g | ND per 1 gram | no retest |
| Salmonella | ND | CFU/g | ND per 1 gram | no retest |
| Aflatoxin (B1 B2 G1 G2) | ND | ng/g | 20 | 40 |
| Ochratoxin A | ND | ng/g | 20 | 40 |

| Residual Solvents | Concentration | Unit | Class | State Limit |
|-------------------|---------------|------|-------|-------------|
| Not Reported | NR | PPM | NA | NA |

| Pesticides | Concentration | Unit | State Limit |
|--------------|---------------|------|-------------|
| Not Reported | NR | PPM | NA |

NR = Not Reported
 ND = Not Detected
 DET = Detected
 LOD = Limit of Detection
 LOQ = Limit of Quantification
 Aw = Water Activity
 % m/m = Percent by Mass
 % Mw = Percent Moisture, wet basis
 CFU/g = Colony Forming Units per gram
 TNTC = Too numerous to count



Authorized Signature:

Kyle Shelton

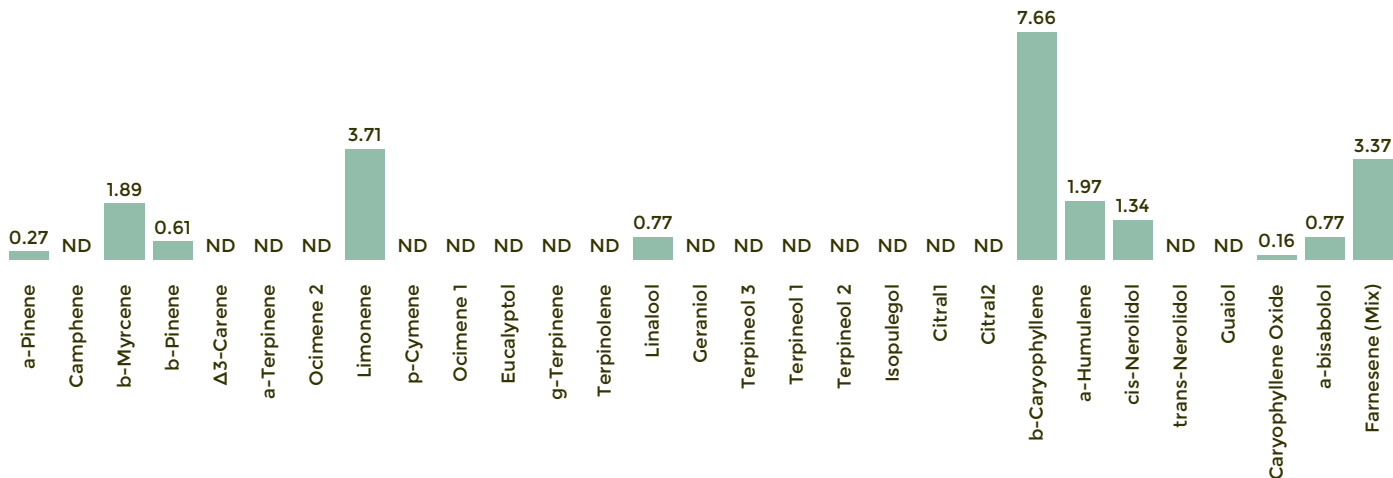


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| | | Received on: | 09.08.2018 |
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Terpenes method and instrument: GC/FID

| Terpenes | Unit (mg/g) | Terpenes | Unit (mg/g) |
|---------------------|-------------|-----------------------|--|
| a-Pinene | 0.27 | Camphene | ND |
| b-Myrcene | 1.89 | b-Pinene | 0.61 |
| Δ3-Carene | ND | a-Terpinene | ND |
| Ocimene 2 | ND | Limonene | 3.71 |
| p-Cymene | ND | Ocimene 1 | ND |
| Eucalyptol | ND | g-Terpinene | ND |
| Terpinolene | ND | Linalool | 0.77 |
| Geraniol | ND | Terpeneol 3 | ND |
| Terpeneol 1 | ND | Terpeneol 2 | ND |
| Isopulegol | ND | Citral1 | ND |
| Citral2 | ND | b-Caryophyllene | 7.66 |
| a-Humulene | 1.97 | cis-Nerolidol | 1.34 |
| trans-Nerolidol | ND | Guaiol | ND |
| Caryophyllene Oxide | 0.16 | a-bisabolol | 0.77 |
| Farnesene (Mix) | 3.37 | | |
| | | Total Terpenes | 22.52 mg/g 2.25 % by mass |

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