

Sample Name: 5:1 THC 4/23

Client: mateelbotanicals

Sample Type: Oil

Strain: Unknown

Submitted: April 23, 2018

Tested: April 23, 2018

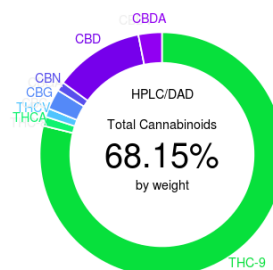
Expires: April 20, 2019

Submitted for: HPLC, Chemres,

Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2018-04-24

| Cannabinoid | Percent | mg/g | LOQ | LOD | L.C. ¹ | Status |
|--------------|-----------------|-----------------|-----------|-----------|-------------------|-------------|
| d9-THC | 53.70 | 536.99 | 5.00 | 1.67 | - | Pass |
| d8-THC | ND ¹ | ND ¹ | 5.00 | 1.67 | - | Pass |
| THCA | 0.83 | 8.25 | 5.00 | 1.67 | - | Pass |
| THCV | 0.78 | 7.76 | 5.00 | 1.67 | - | Pass |
| CBG | 1.81 | 18.09 | 5.00 | 1.67 | - | Pass |
| CBGA | <LOQ | <LOQ | 5.00 | 1.67 | - | Pass |
| CBN | 0.81 | 8.13 | 5.00 | 1.67 | - | Pass |
| CBD | 8.11 | 81.13 | 5.00 | 1.67 | - | Pass |
| CBDV | ND ¹ | ND ¹ | 5.00 | 1.67 | - | Pass |
| CBDA | 2.11 | 21.09 | 5.00 | 1.67 | - | Pass |
| Total | 68.15 | 681.44 | NA | NA | - | Pass |



HPLC/DAD results are not moisture normalized.

-99% Decarboxylated THC

¹L.C. = Label Claim in percentage units

Microbiological Screening -

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed:

| | Analysis | Limit of Detection | Action Limits | Status |
|---------------------|----------|--------------------|---------------|--------|
| Shiga-Toxin E. Coli | NA | < 1 cfu/g | cfu/g | |
| Salmonella | NA | < 1 cfu/g | cfu/g | |
| Aspergillus | NA | < 1 cfu/g | cfu/g | |
| Pseudomonas | NA | < 1 cfu/g | cfu/g | |
| APC | NA | < 1 cfu/g | cfu/g | |
| E. Coli | NA | < 1 cfu/g | cfu/g | |
| Coliform | NA | < 1 cfu/g | cfu/g | |
| Yeast & Mold | NA | < 1 cfu/g | cfu/g | |

*TNTC = Too Numerous To Count

¹ND = Not Detected

Residual Solvent Analysis -

Analysis of residual solvents. [SOP-011] | Date Performed:

| Solvent | ug/g | Action Limit | LOQ | LOD | Status |
|--------------------|------|--------------|-----|-----|--------|
| Benzene | NT | | | | |
| Chloroform | NT | | | | |
| 1,2-Dichloroethane | NT | | | | |
| Ethylene Oxide | NT | | | | |
| Methylene Chloride | NT | | | | |
| Trichloroethylene | NT | | | | |
| Acetone | NT | | | | |
| Acetonitrile | NT | | | | |
| Ethanol | NT | | | | |
| Ethyl Acetate | NT | | | | |
| Heptane | NT | | | | |
| Hexane | NT | | | | |
| Isopropanol | NT | | | | |
| Methanol | NT | | | | |
| N-Butane | NT | | | | |
| Pentane | NT | | | | |
| Propane | NT | | | | |
| Toluene | NT | | | | |
| Total Xylenes | NT | | | | |

¹ND = Not Detected

**Client Limit is self-selected and will be replaced by official CA State limits when they become available



This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

Robert W Martin, PhD
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Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2018-04-23

| | ug/g | LOQ | LOD | Action Limit | Status | | ug/g | LOQ | LOD | Action Limit | Status |
|--------------|-----------------|------|------|--------------|--------|------------------|-----------------|------|------|--------------|--------|
| Aldicarb | ND ¹ | 0.04 | 0.01 | 0.00 | Pass | Fenoxycarb | ND ¹ | 0.03 | 0.01 | 0.00 | Pass |
| Carbofuran | ND ¹ | 0.02 | 0.01 | 0.00 | Pass | Fipronil | ND ¹ | 0.04 | 0.01 | 0.00 | Pass |
| Chlordane | ND ¹ | 0.12 | 0.04 | 0.00 | Pass | Imazalil | ND ¹ | 0.01 | 0.01 | 0.00 | Pass |
| Chlorfenapyr | ND ¹ | 0.06 | 0.02 | 0.00 | Pass | Methiocarb | ND ¹ | 0.03 | 0.01 | 0.00 | Pass |
| Chlorpyrifos | ND ¹ | 0.13 | 0.04 | 0.00 | Pass | Mevinphos | ND ¹ | 0.03 | 0.01 | 0.00 | Pass |
| Coumaphos | ND ¹ | 0.05 | 0.02 | 0.00 | Pass | Paclbutrazol | ND ¹ | 0.03 | 0.01 | 0.00 | Pass |
| Daminozide | ND ¹ | 0.05 | 0.02 | 0.00 | Pass | Parathion methyl | ND ¹ | 0.14 | 0.05 | 0.00 | Pass |
| Dichlorvos | ND ¹ | 0.03 | 0.01 | 0.00 | Pass | Propoxure | ND ¹ | 0.02 | 0.01 | 0.00 | Pass |
| Dimethoate | ND ¹ | 0.05 | 0.02 | 0.00 | Pass | Spiroxamine | ND ¹ | 0.03 | 0.01 | 0.00 | Pass |
| Ethoprophos | ND ¹ | 0.05 | 0.02 | 0.00 | Pass | Thiacloprid | ND ¹ | 0.02 | 0.01 | 0.00 | Pass |
| Etofenprox | ND ¹ | 0.03 | 0.01 | 0.00 | Pass | | | | | | |

¹ND = Not Detected
²NT = Not Tested

Terpene Profiling -

Analysis of terpenes. [SOP-012] | Date Performed:

| | PPM | mg/g | LOQ | LOD | L.C. ² | Status | | PPM | mg/g | LOQ | LOD | L.C. ² | Status |
|--------------|-----|------|-----|-----|-------------------|--------|-----------------|-----|------|-----|-----|-------------------|--------|
| b-Myrcene | NT | | | | | | Camphor | NT | | | | | |
| Nerol | NT | | | | | | Borneol | NT | | | | | |
| Nerolidol | NT | | | | | | Pulegone | NT | | | | | |
| Ocimene | NT | | | | | | Cedrol | NT | | | | | |
| a-Bisbolol | NT | | | | | | b-Caryophyllene | NT | | | | | |
| Farnasene | NT | | | | | | Elemene | NT | | | | | |
| Valencene | NT | | | | | | Phellandrene | NT | | | | | |
| d3-Carene | NT | | | | | | Isopulegol | NT | | | | | |
| d-Limonene | NT | | | | | | Linalool | NT | | | | | |
| g-Terpinene | NT | | | | | | (+)-Fenchone | NT | | | | | |
| a-Pinene | NT | | | | | | a-Caryophyllene | NT | | | | | |
| Sabinene | NT | | | | | | Guaiol | NT | | | | | |
| b-Pinene | NT | | | | | | Bergamotene | NT | | | | | |
| Camphene | NT | | | | | | Terpineol | NT | | | | | |
| Eucalyptol | NT | | | | | | Terpinolene | NT | | | | | |
| (-)-Fenchone | NT | | | | | | a-Terpinene | NT | | | | | |
| Fenchol | NT | | | | | | | | | | | | |

Total Terpenes 0.0 PPM

¹ND = Not Detected
²L.C. = Label Claim

