



**Customer:** Kramer Hemp  
**Customer Sample ID:** 0001920 - 1000mg Tincture  
**Laboratory Number:** 20D0098-01  
  
**Density:** 0.9715



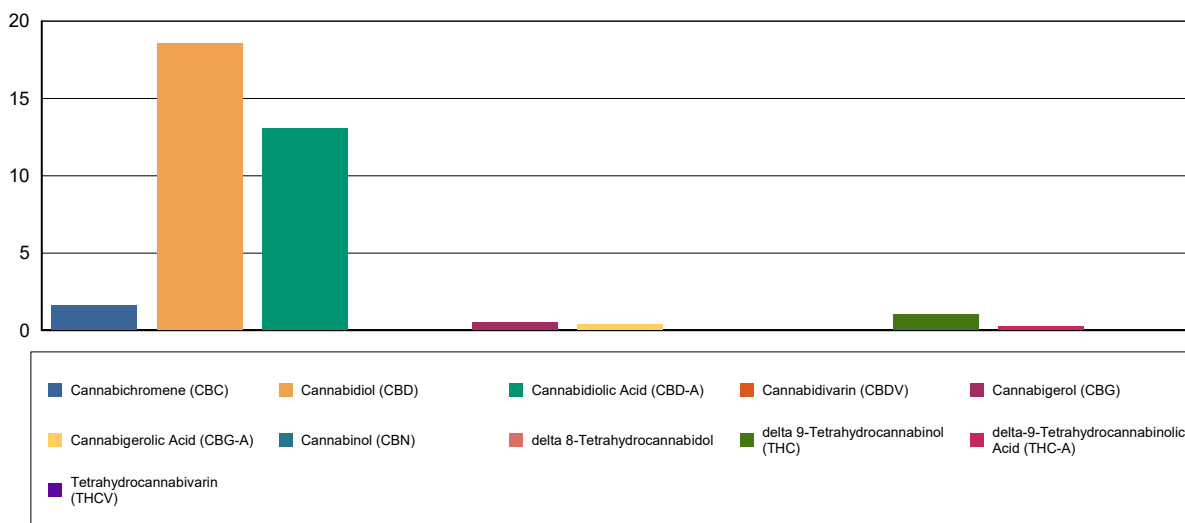
## Cannabinoid Profile

**Extraction Technician:** DF  
**Analytical Chemist:** CB

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 4/13/2020          | 4/13/2020        |

| Cannabinoids (HPLC)                         |             | Results           |              |
|---|-------------|-------------------|--------------|
|   | LOD (mg/mL) | %                 | mg/mL        |
| Cannabidivarin (CBDV)                       | <0.090      |                   |              |
| Cannabidiolic Acid (CBD-A)                  |             | 1.31              | 13.1         |
| Cannabigerolic Acid (CBG-A)                 |             | 0.04              | 0.362        |
| Cannabigerol (CBG)                          |             | 0.05              | 0.489        |
| Cannabidiol (CBD)                           |             | 1.85              | 18.5         |
| Tetrahydrocannabivarin (THCV)               | <0.090      |                   |              |
| Cannabinol (CBN)                            | <0.090      |                   |              |
| delta 9-Tetrahydrocannabinol (THC)          |             | 0.10              | 1.04         |
| delta 8-Tetrahydrocannabinol                | <0.090      |                   |              |
| Cannabichromene (CBC)                       |             | 0.16              | 1.60         |
| delta-9-Tetrahydrocannabinolic Acid (THC-A) |             | 0.03              | 0.267        |
| <b>Cannabinoids Total</b>                   |             | <b>%</b>          | <b>mg/mL</b> |
| Max Active THC                              |             | 0.12              | 1.27         |
| Max Active CBD                              |             | 3.00              | 30.00        |
| T.Active Cannabinoids                       |             | 2.17              | 21.70        |
| Total Cannabinoids                          |             | 3.54              | 35.40        |
| <b>Ratios</b>                               |             |                   |              |
| 24.08:1 CBD to THC                          |             | 0.04:1 THC to CBD |              |

### Cannabinoid (mg/mL)



Altitude Consulting, LLC utilizes NIST traceable Reference Standards and Certified Reference Material to calibrate analytical instruments along with proven analytical methods. The methods are applied in the most ethical manner following good laboratory practice guidelines. The results of this report are based solely on the sample submitted and cannot be reproduced.



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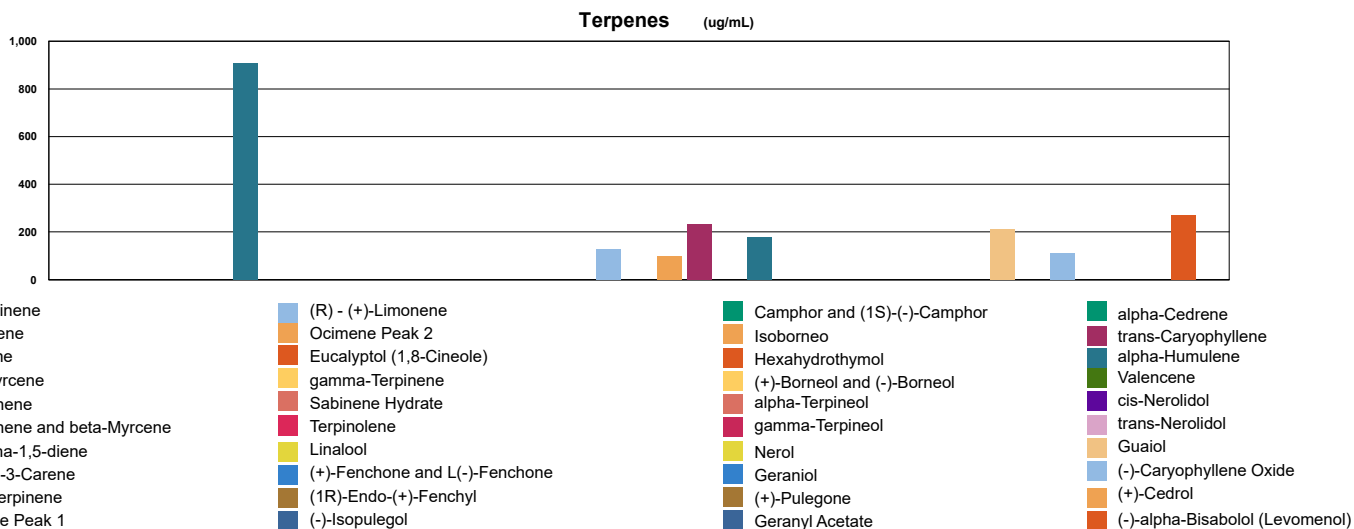


## Terpene Profile

Extraction Technician: DF  
 Analytical Chemist: CB

| Extraction Date(s) | Analysis Date(s) |
|--------------------|------------------|
| 4/13/2020          | 4/13/2020        |

| Terpene                        | Results | Terpene                         | Results |
|--------------------------------|---------|---------------------------------|---------|
|                                | ug/mL   |                                 | ug/mL   |
| alpha-Pinene                   |         | Isoborneol                      |         |
| Camphene                       |         | Hexahydrothymol                 |         |
| Sabinene                       |         | (+)-Borneol and (-)-Borneol     |         |
| beta-Myrcene                   | 908     | alpha-Terpineol                 |         |
| beta-Pinene                    |         | gamma-Terpineol                 |         |
| p-Mentha-1,5-diene             |         | Nerol                           |         |
| (1S)-(+)-3-Carene              |         | Geraniol                        |         |
| alpha-Terpinene                |         | (+)-Pulegone                    |         |
| Ocimene Peak 1                 |         | Geranyl Acetate                 |         |
| (R) - (+)-Limonene             | 130     | alpha-Cedrene                   |         |
| Ocimene Peak 2                 | 97.9    | trans-Caryophyllene             | 235     |
| Eucalyptol (1,8-Cineole)       |         | alpha-Humulene                  | 179     |
| gamma-Terpinene                |         | Valencene                       |         |
| Sabinene Hydrate               |         | cis-Nerolidol                   |         |
| Terpinolene                    |         | trans-Nerolidol                 |         |
| Linalool                       |         | Guaiol                          | 213     |
| (+)-Fenchone and L(-)-Fenchone |         | (-)-Caryophyllene Oxide         | 110     |
| (1R)-Endo-(+)-Fenchyl          |         | (+)-Cedrol                      |         |
| (-)-Isopulegol                 |         | (-)-alpha-Bisabolol (Levomenol) | 269     |
| Camphor and (1S)-(-)-Camphor   |         |                                 |         |



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

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