

Lab Report

Product: CBD Softgels - 10mg, 30ct

Lot Number: 0919-13

Type: THC-Free Phytocannabinoid-Rich Hemp Oil



POTENCY RESULTS:

| Cannabinoid | Wt. (%) | (mg/g) |
|--------------|---------|--------|
| CBD | 1.66 | 16.64 |
| CBG | < 0.03 | < 0.30 |
| CBN | < 0.03 | < 0.30 |
| THC | ND** | ND** |
| CBC | < 0.03 | < 0.30 |
| THC-A | ND** | ND** |
| CBD-A | < 0.03 | < 0.30 |
| CBDV | < 0.03 | < 0.30 |
| THCV | ND** | ND** |
| MAX THC | ND** | ND** |
| MAX CBD | 1.66 | 16.64 |
| TOTAL ACTIVE | 1.66 | 16.64 |

TERPENE RESULTS*:

| | Wt. (%) | | Wt. (%) |
|------------------------|---------|---------------------|---------|
| β -Bisabolene | 1.0-3.0 | Camphene | 0.1-0.2 |
| β -Farnesene | 1.0-2.0 | E-Farnesene | 0.1-0.2 |
| Guaiol | 0.5-2.0 | Farnesol | 0.1-0.1 |
| β -Maaliene | 0.5-2.0 | α -Bisabolol | < 0.1 |
| Calarene | 0.5-1.5 | P-Cymene | < 0.1 |
| β -Caryophyllene | 0.1-1.0 | Linalool | < 0.1 |
| α -Humulene | 0.1-1.0 | Myrcene | < 0.1 |
| Cadinene | 0.1-1.0 | Phytol | < 0.1 |
| α -Gurjunene | 0.1-0.5 | Isopulegol | < 0.1 |
| d-Limonene | 0.1-0.5 | Terpinene | < 0.1 |
| Nerolidol | 0.1-0.5 | Geraniol | < 0.1 |
| α -Pinene | 0.1-0.5 | Myrcene | < 0.1 |
| Aristolene | 0.1-0.3 | γ -Terpinene | < 0.1 |
| Eucalyptol | 0.1-0.2 | δ -3-Carene | < 0.1 |

Residual Solvents*:

| | | | |
|-----------|-------------------------|-------------|-------------------------|
| Propane | Compliant with USP<467> | Pentane | Compliant with USP<467> |
| Isobutane | Compliant with USP<467> | Isopropanol | Compliant with USP<467> |
| Butane | Compliant with USP<467> | Hexane | Compliant with USP<467> |
| Ethanol | Compliant with USP<467> | Acetone | Compliant with USP<467> |

Heavy Metals*:

| | |
|---------|-------------------------|
| Cadmium | Compliant with USP<233> |
| Lead | Compliant with USP<233> |
| Arsenic | Compliant with USP<233> |
| Mercury | Compliant with USP<233> |

Pesticides*:

| | | | |
|--------------|-------|---------------|-------|
| Acequinocyl | ND*** | Spinosad | ND*** |
| Pyrethrium | ND*** | Spirotetramat | ND*** |
| Spiromesifen | ND*** | Bifenazate | ND*** |
| Abamectin | ND*** | Fenoxycarb | ND*** |
| Imidacloprid | ND*** | Paclobutrazol | ND*** |


Test ID: 0626192M

*Batches are sent out regularly for testing, not all batches tested

** ND = Not Detected using a validated high-performance liquid chromatography test method

*** Pesticides are tested by a third party lab, ND = Not Detected at the Reporting Limit (RL)

Certificate of Quality Assurance

| Certificate of Analysis | | F03.003.00 | |
|---|---------------------|----------------------------|---------------|
|  | | 0919-13 | |
| Hemp Oil 10mg/30ct Softgels | | | |
| Description: | Hemp Oil Softgel | Spec Rev: | 01 |
| Serving Size: | 1 softgel | Bulk Item Code: | 7012 |
| Fill Count: | 30 ct | Daily Serving (ml): | 1 softgel |
| Attribute | Spec Range | Result | Method |
| Appearance | Golden softgel | Pass | SOP 03.016.01 |
| Odor | Conforms to spectra | Pass | SOP 03.016.01 |
| Assay: Cannabidiol | NLT 10 mg/g | 10.5 | HPLC |
| Pb | NMT 10 mcg/day | 0.001 | ICP-MS |
| Hg | NMT 2 mcg/day | <0.001 | ICP-MS |
| Cd | NMT 5 mcg/day | <0.001 | ICP-MS |
| As | NMT 15 mcg/day | <0.001 | ICP-MS |
| Total Plate Count | <2000 cfu/g | <10 | USP <2021> |
| Yeast | <200 cfu/g | <10 | USP <2021> |
| Mold | <200 cfu/g | <10 | USP <2021> |
| Total Coliforms | <10 cfu/g | <10 | AOAC 991.14 |
| E. coli | <10 cfu/g | <10 | AOAC 991.14 |
| Salmonella | Absent in 10g | Absent | USP<2022> |

| Name | Title | Sign | Date |
|------------------------------|------------|------------------------|------------|
| Prepared By: Victoria Danner | QC Tech | <i>Victoria Danner</i> | 10/17/2019 |
| Approved By: Robert Bost | QC Manager | <i>Robert Bost</i> | 10/17/2019 |

| Attributes | Acceptance Criteria | Results | Test Method |
|----------------------------------|--|--|-------------|
| Appearance | Oval soft gelatin capsule | Conforms | QCU002 |
| Odor | Characteristic | Conforms | QCU002 |
| Color | Light Yellow | Conforms | QCU002 |
| Cannabinoid Content ¹ | 10 mg total Phytocannabinoids per Soft Gel, (95 - 110% of target concentration), THC Not Detected | 10.38 mg total Phytocannabinoids per Soft Gel, THC Not Detected | QCU001 |
| Microbial Testing | Total Aerobic Count <2000 CFU/g Total Yeast & Mold <200 CFU/g | Conforms | USP<2021 |

| Package | Acceptance Criteria | Results |
|-------------------|--|----------|
| Primary Package | Container dedusted and wiped clean. Container caps screwed on tight | Conforms |
| Secondary Package | Carton Sturdy and clean. Sufficient cushion material exists. Carton taped on all sides | Conforms |