



## CERTIFICATE OF ANALYSIS

**(1) Botanacor**

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**(2) Innovatical**

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**PRODUCT NAME:** THC-Free Phytocannabinoid-Rich Soft Gel

**ACTIVE INGREDIENTS:** THC-Free Phytocannabinoid-Rich Hemp Oil. Total Active PCR oil per soft gel: 10.56 mg (DR060419GC3) & 26.92 mg (DR060419GC1)

**INACTIVE INGREDIENTS:** Polysorbate Emulsifiers, Medium Chain Triglycerides (MCT oil), Beta Caryophyllene. Gellatin Shell: Bovine-derived Gelatin, Glycerin, Sorbitol and Water (coloring: Red 40, Red 3, Yellow 5, Yellow 6, Blue 1, and Blue 2 added to 25mg soft gel capsules)

| Product Code       | Lot Number  | Oil Batch Number | Date of Manufacture | Date of Analysis |
|--------------------|-------------|------------------|---------------------|------------------|
| GC-NO-10mg-BR-30ct | DR060419GC3 | GC1019-05        | 05/17/2019          | 05/20/2019       |
| GC-NO-25mg-BR-30ct | DR060419GC1 | GC2519-07        | 04/22/2019          | 05/02/2019       |

| Attributes          | Acceptance Criteria  |   | Results     |   | Test Method |
|---------------------|--|---|-------------|---|-------------|
| Appearance          | Oval soft gelatin capsule                                      |   | Conforms    |   | QCU002      |
| Odor                | Characteristic   |   | Conforms    |   | QCU002      |
| Color               | DR060419GC3  | Light Yellow  | Conforms    |   | QCU002      |
|                     | DR060419GC1  | Amber   |             |   |             |
| Cannabinoid Content | DR060419GC3  | 10 mg total Phytocannabinoids per soft gel, (95 – 110% of target concentration), THC Not Detected | DR060419GC3 | 10.56 mg total Phytocannabinoids per soft gel, THC Not Detected | QCU001      |
|                     | DR060419GC1  | 25 mg total Phytocannabinoids per soft gel, (95 – 110% of target concentration), THC Not Detected | DR060419GC1 | 26.92 mg total Phytocannabinoids per soft gel, THC Not Detected |             |
| 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<br>Container caps screwed on tight                      | Conforms |
| Secondary Package | Carton Sturdy and clean<br>Sufficient cushion material exists<br>Carton taped on all sides | Conforms |

**Storage:** Room Temperature, Protect from Light and Protect from Moisture

Expiration date is 18 months under sealed conditions at room temperature

**POTENCY RESULTS:**

| Cannabinoid  | Wt. (%)   |           | (mg/g)    |           |
|--------------|-----------|-----------|-----------|-----------|
|              | CBD       | GC1019-05 | 1.74      | GC1019-05 |
|              | GC2519-07 | 4.37      | GC2519-07 | 43.65     |
| 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         | ND**      |           | ND**      |           |
| THCV         | ND**      |           | ND**      |           |
| MAX THC      | ND**      |           | ND**      |           |
| MAX CBD      | GC1019-05 | 1.74      | GC1019-05 | 17.44     |
|              | GC2519-07 | 4.37      | GC2519-07 | 43.65     |
| TOTAL ACTIVE | GC1019-05 | 1.74      | GC1019-05 | 17.44     |
|              | GC2519-07 | 4.37      | GC2519-07 | 43.65     |

**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> |

Test ID: 052019SA (GC1019-05)

050219ZM, 050619ZM (GC2519-07)

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

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

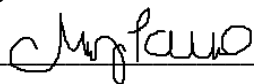
\*\*\*Pesticides are tested by a third party lab, ND = Not Detected at the Reporting Limit (RL)

**Batch Release:**

Chemist: Zosha McKinney



Manager: Ashley Orosco



**HEAVY METALS\*:**

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

**TERPENE RESULTS\*:**

|                        | Wt. (%) |                     | Wt. (%) |
|------------------------|---------|---------------------|---------|
| $\beta$ -Bisabolene    | 1.0-3.0 | Camphene            | 0.1-0.2 |
| $\beta$ -Farnesene     | 1.0-2.0 | E-Farnesene         | 0.1-0.2 |
| Guaiol                 | 0.5-2.0 | Farnesol            | 0.1-0.2 |
| $\beta$ -Maaliene      | 0.5-2.0 | $\alpha$ -Bisabolol | < 0.1   |
| Calarene               | 0.5-1.5 | P-Cymene            | < 0.1   |
| $\beta$ -Caryophyllene | 0.1-1.0 | Linalool            | < 0.1   |
| $\alpha$ -Humulene     | 0.1-1.0 | Myrcene             | < 0.1   |
| Cadinene               | 0.1-1.0 | Phytol              | < 0.1   |
| $\alpha$ -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   |
| $\alpha$ -Pinene       | 0.1-0.5 | Myrcene             | < 0.1   |
| Aristolene             | 0.1-0.3 | $\gamma$ -Terpinene | < 0.1   |
| Eucalyptol             | 0.1-0.2 | $\delta$ -3-Carene  | < 0.1   |

**PESTICIDES\*:**

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