

CERTIFICATE OF QUALITY ASSURANCE

PRODUCT NAME: THC-Free Phytocannabinoid-Rich Soft Gel with Melatonin, 25 mg per soft gel

PRODUCT CODE: GCME-NO-25mg-BULK

LOT NUMBER: JM061019GC3 (Sales Order# GLSP-001-MB-1, Total of 5,000 soft gels)

BATCH NUMBER: GC/MEL/CHAM19-04

ACTIVE INGREDIENTS: THC-Free Phytocannabinoid-Rich Hemp Oil, Melatonin, Roman Chamomile

INACTIVE INGREDIENTS: Polysorbate Emulsifiers, Medium Chain Triglycerides (MCT oil), Beta Caryophyllene.

Composition of the Shell: 40% 150 Bloom Bone Gelatin, 19% Glycerin, 3% Sorbitol, 38% Water, (coloring: Red 40, Red 3, Yellow 5, Yellow 6, Blue 1, and Blue 2 added to 25mg softgel capsules).

| Attributes | Acceptance Criteria | Results | Test Method |
|---------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| Appearance | Oval soft gelatin capsule | Conforms | QCU002 |
| Odor | Characteristic | Conforms | QCU002 |
| Color | Green | Conforms | QCU002 |
| Cannabinoid Content | 25 mg total Phytocannabinoids per Soft Gel, (95 - 110% of target concentration), THC Not Detected | 26.44 mg total Phytocannabinoids per Soft Gel, THC Not Detected | QCU001 |
| Melatonin Content | 1 mg Melatonin/per soft gel | 1.15 mg total | Advanced Botanical Consulting & Testing, Inc. Method: ALC154A |
| 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 |

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

Prepared by: Marybeth M. Edwards Inspection Control

Reviewed by: Gabrielle Oneal Fulfillment

This product is not intended to diagnose, treat, cure, or prevent any disease and has not been evaluated by the FDA.

CERTIFICATE OF INTERNAL ANALYSIS

TYPE: THC-free Phytocannabinoid-Rich (PCR)

Soft Gel

BATCH No: GC/Mel/Cham19-04

Total Active PCR oil per Soft Gel: 26.44mg

Total Melatonin per Soft Gel: 1.15mg^{****}

POTENCY RESULTS:

| Cannabinoid | Wt. (%) | (mg/g) |
|--------------|------------------|------------------|
| CBD | 4.28 | 42.76 |
| 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 | 0.04 | 0.43 |
| THCV | ND ^{**} | ND ^{**} |
| MAX THC | ND ^{**} | ND ^{**} |
| MAX CBD | 4.32 | 43.19 |
| TOTAL ACTIVE | 4.32 | 43.19 |

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> |

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 | 0.1-0.2 |
| 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 |

Pesticides*:

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

Test ID: 060619SA

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

** ND = Not Detected using a validated high-performance liquid chromatography test method, LOD = 0.03%

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

**** Melatonin Tested by Advanced Botanical Consulting & Testing, Inc.

Batch Release:

Chemist: Mark Sterlin

MS 07 JUN 2019

Manager: Ashley Orosco

Ashley Orosco 07 JUN 2019

COPY

10 Jun 2019
MCS