



Certificate of Analysis
August 14, 2019

Sample ID: FP-19-1065
Product name Plus CBD Oil Extra Strength Hemp Balm
Batch/Lot#: 60J19
Strength: 37g 100mg
Expiration: 07/21

| <u>Physical properties</u> | <u>Result</u> | <u>Method</u> | <u>Analyst</u> |
|----------------------------|---------------|---------------|----------------|
| Appearance | Pass | Organoleptic | HP |
| Color | Pass | Organoleptic | HP |
| Aroma | Pass | Organoleptic | HP |

| <u>Cannabinoid:</u> | <u>mg:</u> | <u>Method:</u> | <u>Analyst:</u> |
|----------------------------|-----------------|----------------|-----------------|
| CBD | 106.35 | HPLC | HP |
| CBDV | 0.14 | HPLC | HP |
| CBDA | 0.00 | HPLC | HP |
| CBG | 0.67 | HPLC | HP |
| CBGA | 1.17 | HPLC | HP |
| CBC | 8.96 | HPLC | HP |
| CBN | 0.00 | HPLC | HP |
| Δ^9 -THC | 2.83 | HPLC | HP |
| THCA | 0.00 | HPLC | HP |
| Total cannabinoids: | 120.1 mg | | |
| Sample size: | 37.00 g | | |
| THC by mass: | 0.0077 % | | |

Hayley Palmer
AUG 14 2019

Vandana Kothari
AUG 14 2019

Analyst _____ Date _____
Hayley Palmer, B.S.
QC Lab Assistant

Reviewed By _____ Date _____
Vandana Kothari, M.S., B.Pharm.
QC Supervisor



Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.

Las Vegas NV 89146

Dalia Chandler

Sample

1908DBL0118.7482

Batch FP-19-1065

Lot 6019

Ordered 8/13/2019

Completed 8/16/2019

Plus CBD Oil 100mg Extra Strength Gold Hemp Balm EX07/21

| Cannabinoids | | | | |
|------------------------|--------------|-------------|-----------|--------------------|
| | 99.11 | 0.27 | 37 | |
| Total CBD (mg/unit) | | % Total CBD | | Unit weight (g) |
| Cannabinoid | LOQ | Mass % | Mass % | Concentration mg/g |
| CBD | 0.05 | 0.268 | 2.68 | |
| CBDA | 0.05 | <LOQ | <LOQ | |
| d9-THC | 0.05 | <LOQ | <LOQ | |
| THCA-A | 0.05 | <LOQ | <LOQ | |
| d8-THC | 0.05 | <LOQ | <LOQ | |
| THCV | 0.05 | <LOQ | <LOQ | |
| CBDV | 0.05 | <LOQ | <LOQ | |
| CBDVA | 0.05 | <LOQ | <LOQ | |
| CBGA | 0.05 | <LOQ | <LOQ | |
| CBG | 0.05 | <LOQ | <LOQ | |
| CBN | 0.05 | <LOQ | <LOQ | |
| CBC | 0.05 | <LOQ | <LOQ | |
| CBL | 0.05 | <LOQ | <LOQ | |
| Total CBD = CBDA + CBD | | | | |

| Pesticides/Plant Growth Regulators | | | |
|------------------------------------|--------|--------------|-----------|
| Pesticides | Status | Sample (PPB) | LOQ (PPB) |
| Acequinocyl | PASS | <LOQ | 10 |
| Abamectin | PASS | <LOQ | 10 |
| Bifenazate | PASS | <LOQ | 10 |
| Fenoxycarb | PASS | <LOQ | 10 |
| Fludioxonil | PASS | <LOQ | 10 |
| Imidacloprid | PASS | <LOQ | 10 |
| Myclobutanil | PASS | <LOQ | 10 |
| Pyrethrin | PASS | <LOQ | 10 |
| Spinosad | PASS | <LOQ | 10 |
| Spiromesifen | PASS | <LOQ | 10 |
| Spirotetramat | PASS | <LOQ | 10 |
| Plant Growth Regulators | | | |
| Daminozide | PASS | <LOQ | 10 |

| Microbiology | | | | |
|-----------------------|-----------|--------------------------|-------|---------|
| Quantitative Analysis | Status | Sample | LOQ | Limit |
| | Pass/Fail | CFU/g | CFU/g | CFU/g |
| Mold/Mildew/Yeast | PASS | <LOQ | 8 | 10,000 |
| Enterobacteriaceae | PASS | <LOQ | 8 | 1,000 |
| Aerobic Bacteria | PASS | <LOQ | 8 | 100,000 |
| Coliforms | PASS | <LOQ | 8 | 1,000 |
| Qualitative Analysis | | Detected or Not-detected | | |
| E. Coli | PASS | Not-detected | | |
| Salmonella | PASS | Not-detected | | |
| Pseudomonas | PASS | Not-detected | | |

| Residual Solvents | | |
|--------------------|--------|-------------|
| Compound | Status | Limit (PPM) |
| Propane | PASS | 500 |
| Methanol | PASS | 500 |
| Isobutane | PASS | 500 |
| Ethanol | PASS | 500 |
| Isopropanol | PASS | 500 |
| Isopentane | PASS | 500 |
| n-Butane | PASS | 500 |
| n-Hexane | PASS | 500 |
| 2,2-Dimethylbutane | PASS | 500 |
| 3-Methylpentane | PASS | 500 |
| 2-Methylpentane | PASS | 500 |
| Cyclohexane | PASS | 500 |
| Neopentane | PASS | 500 |
| n-Heptane | PASS | 500 |
| n-Pentane | PASS | 500 |
| Benzene | PASS | 500 |

| Heavy Metals | | | | |
|--------------|-----------|--------|-----|-------|
| Compound | Status | Sample | LOQ | Limit |
| | Pass/Fail | PPB | PPB | PPB |
| Arsenic | PASS | <LOQ | 48 | 2000 |
| Cadmium | PASS | <LOQ | 48 | 820 |
| Mercury | PASS | <LOQ | 48 | 400 |
| Lead | PASS | <LOQ | 48 | 1200 |



Stacy Gardalen

Stacy Gardalen
Director

Glen Marquez

Glen Marquez
Quality Control



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The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. NA = Not Analyzed. ND = Not Detected. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MMER 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Values reported relate only to the product tested. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.