

**Certificate of Analysis**  
 October 15, 2018

**Sample ID:** FP-18-1049  
**Product name** Plus cbd oil gold hemp drops peppermint  
**Batch/Lot#:** 8269322  
**Strength:** 2oz 750mg  
**Expiration:** 10/20

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

| <u>Cannabinoid:</u> | <u>mg:</u>    | <u>Method:</u> | <u>Analyst:</u> |
|---------------------|---------------|----------------|-----------------|
| <b>CBD</b>          | <b>774.71</b> | HPLC           | VK              |
| CBDV                | 25.85         | HPLC           | VK              |
| CBDA                | 26.51         | HPLC           | VK              |
| CBG                 | 17.05         | HPLC           | VK              |
| CBGA                | 0.00          | HPLC           | VK              |
| CBC                 | 71.77         | HPLC           | VK              |
| CBN                 | 0.00          | HPLC           | VK              |
| Δ <sup>9</sup> -THC | 26.76         | HPLC           | VK              |
| THCA                | 0.00          | HPLC           | VK              |

**Total cannabinoids:** **942.6 mg**

**Sample size:** **54 g**

**THC by mass:** **0.0495 %**

*VK*  
 OCT 15 2018

*DC*  
 OCT 15 2018

Analyst \_\_\_\_\_ Date \_\_\_\_\_

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_

Vandana Kothari, M.S., B.Pharm.  
 Analytical Chemist

Dalia Chandler, M.S., B.S.  
 QA/QC Manager



# Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd. Las Vegas  
Las Vegas NV 89146

Dalia Chandler

Sample

1810DBL0104.5489

Batch FP-18-1049

Lot 8269322

Ordered 10/15/2018

Completed 10/18/2018

Plus CBD Oil 2oz 750mg Gold Hemp Drops Peppermint PS80 FREE EXP 10/20

## Cannabinoids

| 747                 |       | 1.38        |           | 54              |  |
|---------------------|-------|-------------|-----------|-----------------|--|
| Total CBD (mg/unit) |       | % Total CBD |           | Unit weight (g) |  |
| Cannabinoid         | LOQ % | Mass %      | Mass mg/g | Concentration   |  |
| CBD                 | 0.07  | 1.4         | 13.8      |                 |  |
| CBDA                | 0.07  | <LOQ        | <LOQ      |                 |  |
| d9-THC              | 0.07  | <LOQ        | <LOQ      |                 |  |
| THCA-A              | 0.07  | <LOQ        | <LOQ      |                 |  |
| d8-THC              | 0.07  | <LOQ        | <LOQ      |                 |  |
| THCV                | 0.07  | <LOQ        | <LOQ      |                 |  |
| CBDV                | 0.07  | <LOQ        | <LOQ      |                 |  |
| CBDVA               | 0.07  | <LOQ        | <LOQ      |                 |  |
| CBGA                | 0.07  | <LOQ        | <LOQ      |                 |  |
| CBG                 | 0.07  | <LOQ        | <LOQ      |                 |  |
| CBN                 | 0.07  | <LOQ        | <LOQ      |                 |  |
| CBC                 | 0.07  | <LOQ        | <LOQ      |                 |  |
| CBL                 | 0.07  | <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        |

## 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         |

## Microbiology

| Quantitative Analysis | Status    | Sample                   | LOQ   | Limit   |
|-----------------------|-----------|--------------------------|-------|---------|
|                       | Pass/Fail | CFU/g                    | CFU/g | CFU/g   |
| Mold/Mildew/Yeast     | PASS      | <LOQ                     | 90    | 10,000  |
| Enterobacteriaceae    | PASS      | <LOQ                     | 90    | 1,000   |
| Aerobic Bacteria      | PASS      | <LOQ                     | 900   | 100,000 |
| Coliforms             | PASS      | <LOQ                     | 90    | 1,000   |
| Qualitative Analysis  |           | Detected or Not-detected |       |         |
| E. Coli               | PASS      | Not-detected             |       |         |
| Salmonella            | PASS      | Not-detected             |       |         |
| Pseudomonas           | PASS      | Not-detected             |       |         |

## Heavy Metals

| Compound | Status    | Sample | LOQ | Limit |
|----------|-----------|--------|-----|-------|
|          | Pass/Fail | PPB    | PPB | PPB   |
| Arsenic  | PASS      | 170    | 48  | 2000  |
| Cadmium  | PASS      | <LOQ   | 48  | 820   |
| Mercury  | PASS      | <LOQ   | 48  | 400   |
| Lead     | PASS      | <LOQ   | 48  | 1200  |



*Stacy Gardalen*

Stacy Gardalen  
Director

*Kelly Zaugg*

Kelly Zaugg  
Quality Control

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 (MME# 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.



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