

## Certificate of Analysis

May 6, 2019

**Sample ID:** FP-19-0535

**Product name** Plus CBD Oil Gold Hemp Drops Peppermint PS80 Free

**Batch/Lot#:** 9110377

**Strength:** 2oz 1500mg

**Expiration:** 04/21

| <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> |
|---------------------|----------------|----------------|-----------------|
| <b>CBD</b>          | <b>1500.56</b> | HPLC           | HP              |
| CBDV                | 11.13          | HPLC           | HP              |
| CBDA                | 5.35           | HPLC           | HP              |
| CBG                 | 12.99          | HPLC           | HP              |
| CBGA                | 36.14          | HPLC           | HP              |
| CBC                 | 121.49         | HPLC           | HP              |
| CBN                 | 0.00           | HPLC           | HP              |
| Δ <sup>9</sup> -THC | 35.55          | HPLC           | HP              |
| THCA                | 0.00           | HPLC           | HP              |

**Total cannabinoids:** **1723.2 mg**

**Sample size:** **54.00 g**

**THC by mass:** **0.0658 %**

*Hayley Palmer*

MAY 06 2019

*Vandana Kothari*

MAY 06 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

**AMENDED**

Sample  
1905DBL0023.4147

Batch FP-19-0535

Lot 9110377

Ordered 5/3/2019

Completed 5/11/2019

Plus CBD Oil 2oz 1500mg Gold Hemp Drops Peppermint PS80 FREE EXP 04/21

## Cannabinoids

|                     |             |                 |      |
|---------------------|-------------|-----------------|------|
| <b>1361.11</b>      | <b>2.52</b> | <b>54</b>       |      |
| Total CBD (mg/unit) | % Total CBD | Unit weight (g) |      |
| Cannabinoid         | LOQ %       | Mass %          |      |
|                     |             | Mass mg/g       |      |
|                     |             | Concentration   |      |
| CBD                 | 0.05        | 2.52            | 25.2 |
| 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        | 0.06            | 0.6  |
| CBDVA               | 0.05        | <LOQ            | <LOQ |
| CBGA                | 0.05        | <LOQ            | <LOQ |
| CBG                 | 0.05        | <LOQ            | <LOQ |
| CBN                 | 0.05        | <LOQ            | <LOQ |
| CBC                 | 0.05        | 0.11            | 1.1  |
| CBL                 | 0.05        | <LOQ            | <LOQ |

## Pesticides/Plant Growth Regulators

| Pesticides              | Status | Sample (PPB) | LOQ (PPB) |
|-------------------------|--------|--------------|-----------|
| Acequinocyl             | PASS   | <LOQ         | 10        |
| Abamectin               | PASS   | <LOQ         | 10        |
| Bifentazate             | 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                     | 100   | 10,000  |
| Enterobacteriaceae    | PASS      | <LOQ                     | 100   | 1,000   |
| Aerobic Bacteria      | PASS      | <LOQ                     | 1000  | 100,000 |
| Coliforms             | PASS      | <LOQ                     | 100   | 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      | 171    | 45  | 2000  |
| Cadmium  | PASS      | <LOQ   | 45  | 820   |
| Mercury  | PASS      | <LOQ   | 45  | 400   |
| Lead     | PASS      | <LOQ   | 45  | 1200  |

Note: fixed potency values



*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 (MME# 6188736101164525768) 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.