

## Certificate of Analysis

June 18, 2019

**Sample ID:** FP-19-0731  
**Product name** Plus CBD Oil Extra Strength Hemp Balm  
**Batch/Lot#:** 01H19  
**Strength:** 37g 100mg  
**Expiration:** 06/21

| <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>107.61</b>   | HPLC           | HP              |
| CBDV                       | 0.00            | HPLC           | HP              |
| CBDA                       | 0.00            | HPLC           | HP              |
| CBG                        | 0.64            | HPLC           | HP              |
| CBGA                       | 0.99            | HPLC           | HP              |
| CBC                        | 8.18            | HPLC           | HP              |
| CBN                        | 0.00            | HPLC           | HP              |
| Δ <sup>9</sup> -THC        | 2.36            | HPLC           | HP              |
| THCA                       | 0.00            | HPLC           | HP              |
| <b>Total cannabinoids:</b> | <b>119.8 mg</b> |                |                 |
| <b>Sample size:</b>        | <b>37.00 g</b>  |                |                 |
| <b>THC by mass:</b>        | <b>0.0064 %</b> |                |                 |

*Hayley Palmer*  
 JUN 18 2019

*Vandana Kothari*  
 JUN 18 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

1906DBL0171.5642

Batch FP-19-0731

Lot 01H19

Ordered Tue, 18 Jun 2019 18:16:1

Completed 6/21/2019

Plus CBD Oil 37g 100mg Extra Strength Hemp Balm EXP: 06/21

## Cannabinoids

|                     | 98.12       | 0.27   | 37.00                   |
|---------------------|-------------|--------|-------------------------|
| Total CBD (mg/unit) | % Total CBD |        | Unit weight (g)         |
| Cannabinoid         | LOQ %       | Mass % | Mass Concentration mg/g |
| CBD                 | 0.05        | 0.265  | 2.65                    |
| 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        |

## 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                     | 10    | 10,000  |
| Enterobacteriaceae    | PASS      | <LOQ                     | 10    | 1,000   |
| Aerobic Bacteria      | PASS      | <LOQ                     | 10    | 100,000 |
| Coliforms             | PASS      | <LOQ                     | 10    | 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      | <LOQ   | 46  | 2000  |
| Cadmium  | PASS      | <LOQ   | 46  | 820   |
| Mercury  | PASS      | <LOQ   | 46  | 400   |
| Lead     | PASS      | <LOQ   | 46  | 1200  |



*Stacy Gardalen*

Stacy Gardalen  
Director

*Glen Marquez*

Glen Marquez  
Quality Control



4439 Polaris Ave.  
Las Vegas, NV 89103  
(702)729-5180  
www.dblabslv.com

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 (MMEN 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.