

Certificate of Analysis
February 22, 2018

Sample ID: FP-18-0135
Product name PS80 free spray peppermint WL
Batch/Lot#: 8036319W
Strength: 2oz 500mg

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

| <u>Cannabinoid:</u> | <u>mg:</u> | <u>Method:</u> | <u>Analyst:</u> |
|---------------------|---------------|----------------|-----------------|
| CBD | 523.05 | HPLC | VK |
| CBDV | 10.11 | HPLC | VK |
| CBDA | 87.56 | HPLC | VK |
| CBG | 8.13 | HPLC | VK |
| CBGA | 0.00 | HPLC | VK |
| CBC | 25.58 | HPLC | VK |
| CBN | 0.00 | HPLC | VK |
| Δ^9 -THC | 18.74 | HPLC | VK |
| THCA | 0.00 | HPLC | VK |

Total cannabinoids: 673.2 mg
Sample size: 54 g
THC by mass: *VK* 0.0347 %

FEB 22 2018

DC
MAR 01 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

2688 South Rainbow Blvd.
Las Vegas, NV 89146

Sample

1802DBL0120.1328

Batch FP-18-0135

Lot 8036319W

Ordered 2/21/2018

Completed 3/1/2018

Plus CBD Oil 2oz 500mg PS80-Free Peppermint Spray WL

| Cannabinoids | | |
|---------------------|-------------|-----------------|
| 510 | 0.95 | 54 |
| Total CBD (mg/unit) | % Total CBD | Unit Weight (g) |
| Cannabinoid | Mass % | Mass mg/g |
| CBD | 0.95 | 9.47 |
| CBDa | 0.12 | 1.16 |
| d9-THC | ND | ND |
| THCA-A | ND | ND |
| d8-THC | ND | ND |
| THCV | ND | ND |
| CBDV | ND | ND |
| CBDVA | ND | ND |
| CBGA | ND | ND |
| CBG | ND | ND |
| CBN | ND | ND |
| CBC | ND | ND |
| CBL | ND | ND |

| Pesticides/PGR* | | |
|-----------------|--------|------|
| Compound | Result | LOQ |
| | PPM | PPM |
| Acequinocyl | ND | 0.50 |
| Abamectin | ND | 0.20 |
| Bifenazate | ND | 0.10 |
| Daminozide | ND | 0.10 |
| Fenoxycarb | ND | 0.10 |
| Fludioxonil | ND | 0.20 |
| Imidacloprid | ND | 0.05 |
| Myclobutanil | ND | 0.10 |
| Pyrethrin | ND | 0.10 |
| Spinosad | ND | 0.10 |
| Spiromesifen | ND | 0.10 |
| Spirotetramat | ND | 0.05 |

| Microbiology | | |
|-------------------|--------|-------|
| Compound | Result | LOQ |
| | CFU/g | CFU/g |
| Mold/Mildew/Yeast | ND | 110 |
| Aerobic Bacteria | ND | 1100 |
| Coliforms | ND | 110 |
| Pseudomonas | ND | ND |
| E. Coli | ND | ND |
| Salmonella | ND | ND |

| Residual Solvents | | |
|--------------------|--------|------------|
| Compound | Result | Spec Limit |
| | PPM | 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 | Result | LOQ |
| | PPM | PPM |
| Arsenic | ND | 0.03 |
| Cadmium | ND | 0.03 |
| Mercury | ND | 0.03 |
| Lead | ND | 0.03 |

Pseudomonas is outside of our ISO/IEC 17025:2015 accreditation

Stacy Gardalen

Stacy Gardalen
Director

Glen Marquez

Glen Marquez
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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