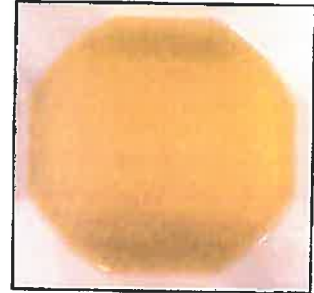




CV SCIENCES™

Certificate of Analysis
November 10, 2020

Sample ID: FP-20-0684
Product name: PlusCBD Pet Soothing Hemp Extract - Unflavored
Batch/Lot#: 09674300
Strength: 1 fl. oz 250mg - 5mg per serving
Expiration: 10/22
Analyst: HP



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

| <u>Cannabinoid:</u> | <u>mg:</u> | <u>Method:</u> |
|----------------------------|-----------------|----------------|
| CBD | 285.38 | HPLC |
| CBDV | 1.68 | HPLC |
| CBDA | ND | HPLC |
| CBGA | ND | HPLC |
| CBG | 0.47 | HPLC |
| CBN | 0.28 | HPLC |
| Δ ⁹ -THC | 2.02 | HPLC |
| CBC | 2.00 | HPLC |
| THCA | ND | HPLC |
| Total cannabinoids: | 291.8 mg | |
| Sample size: | 27.00 g | |
| THC by mass: | 0.0075 % | |

ND = NOT DETECTED

Hayley Palmer

NOV 10 2020

Vandana Kothari

NOV 10 2020

Analyst _____ Date _____
Hayley Palmer, B.S.
Quality Analyst

Reviewed By _____ Date _____
Vandana Kothari, M.S., B.Pharm.
Director of Quality

This Certificate of Analysis has been generated to document product test results. The "Reviewed By" signature does not indicate finished product release for distribution.



Certificate of Analysis

CV Sciences, Inc.

10070 Barnes Canyon Road
San Diego, CA 92121
Vandana Kothari

Sample

2011DBL0070.10782

Batch FP-20-0684

Lot 9674300

Ordered 11/6/2020

Completed 11/11/2020

PlusCBD Pet Soothing Hemp Extract - 5mg Unflavored 1 fl. oz 250mg EXP: 10/22

| Cannabinoids | | | | |
|--------------|---------------------|-------------|-----------------|---------------|
| | 296.26 | 1.10 | 27 | |
| | Total CBD (mg/unit) | % Total CBD | Unit weight (g) | |
| Cannabinoid | LOQ % | Mass % | Mass mg/g | Concentration |
| CBD | 0.07 | 1.10 | 11.0 | |
| 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 | |

| 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 |
| Tebuconazole | 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 |
| 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 |
| Arsenic | PASS | <LOQ | 24 | 1500 |
| Cadmium | PASS | <LOQ | 24 | 500 |
| Mercury | PASS | <LOQ | 24 | 1000 |
| Lead | PASS | <LOQ | 24 | 500 |

1. The hemp extract is the product of a batch tested by the independent testing laboratory.
2. The batch contained a total delta-9-tetrahydrocannabinol concentration that did not exceed 0.3 percent pursuant to the testing of a random sample of the batch; and
3. The batch does not contain contaminants unsafe for human consumption.



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 (MME# 61837736101164525768) 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. *Tested analytes and limits were set by the customer. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-000052-LIC

MANUFACTURER:

CV Sciences
10070 Barnes Canyon Road suite 100
SAN DIEGO 92121
n/a



SAMPLE INFORMATION

Sample No.: 1062753
Product Name: FP-20-0684 PlusCBD Pet Soothing Hemp Extract - 5mg Unflavored 1 fl. oz 250mg EXP: 10/22
Matrix: Orally Consumed Concentrate (Tincture)
Batch #: 09674300

Date Collected: 11/06/2020
Date Received: 11/06/2020
Date Reported: 11/10/2020

TEST SUMMARY

Pesticide Residue Screen: ✔ Pass

Residual Solvent Screen: ✔ Pass

Overall: ✔ Pass

PESTICIDE RESIDUE SCREEN ✔ Pass

11/10/2020

Method: MF 21P03C

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte | LOD / LOQ (µg/g) | Finding (µg/g) | Limit (µg/g) | Status |
|-------------------------|------------------|----------------|--------------|--------|
| Abamectin | 0.04/0.10 | ND | 0.3 | Pass |
| Acephate | 0.04/0.10 | ND | 5.0 | Pass |
| Acequinocyl | 0.04/0.10 | ND | 4.0 | Pass |
| Acetamiprid | 0.04/0.10 | ND | 5.0 | Pass |
| Aldicarb | 0.04/0.10 | ND | 0.04 | Pass |
| Azoxystrobin | 0.04/0.10 | ND | 40.0 | Pass |
| Bifenazate | 0.04/0.10 | ND | 5.0 | Pass |
| Bifenthrin | 0.10/0.25 | ND | 0.5 | Pass |
| Boscalid | 0.04/0.10 | ND | 10.0 | Pass |
| Captan | 0.20/0.50 | ND | 5.0 | Pass |
| Carbaryl | 0.20/0.50 | ND | 0.5 | Pass |
| Carbofuran | 0.04/0.10 | ND | 0.04 | Pass |
| Chlorantraniliprole | 0.04/0.10 | ND | 40.0 | Pass |
| Chlordane | 0.04/0.10 | ND | 0.04 | Pass |
| Chlorfenapyr | 0.04/0.10 | ND | 0.04 | Pass |
| Chlorpyrifos | 0.04/0.10 | ND | 0.04 | Pass |
| Clofentezine | 0.04/0.10 | ND | 0.5 | Pass |
| Coumaphos | 0.04/0.10 | ND | 0.04 | Pass |
| Cyfluthrin | 0.20/0.50 | ND | 1.0 | Pass |
| Cypermethrin | 0.20/0.50 | ND | 1.0 | Pass |
| Daminozide | 0.04/0.10 | ND | 0.04 | Pass |
| DDVP (Dichlorovous) | 0.04/0.10 | ND | 0.04 | Pass |
| Diazinon | 0.04/0.10 | ND | 0.2 | Pass |
| Dimethoate | 0.04/0.10 | ND | 0.04 | Pass |
| Dimethomorph | 0.04/0.10 | ND | 20.0 | Pass |
| Ethoprop(hos) | 0.04/0.10 | ND | 0.04 | Pass |
| Etofenprox | 0.04/0.10 | ND | 0.04 | Pass |
| Etoxazole | 0.04/0.10 | ND | 1.5 | Pass |
| Fenhexamid | 0.04/0.10 | ND | 10.0 | Pass |
| Fenoxycarb | 0.04/0.10 | ND | 0.04 | Pass |
| Fenpyroximate | 0.04/0.10 | ND | 2.0 | Pass |
| Fipronil | 0.04/0.10 | ND | 0.04 | Pass |
| Flonicamid | 0.04/0.10 | ND | 2.0 | Pass |
| Fludioxanil | 0.04/0.10 | ND | 30.0 | Pass |
| Hexythiazox | 0.04/0.10 | ND | 2.0 | Pass |
| Imazalil | 0.04/0.10 | ND | 0.04 | Pass |
| Imidacloprid | 0.04/0.10 | ND | 3.0 | Pass |
| Kresoxim Methyl | 0.04/0.10 | ND | 1.0 | Pass |
| Malathion | 0.20/0.50 | ND | 5.0 | Pass |
| Metaxyl | 0.04/0.10 | ND | 15.0 | Pass |
| Methiocarb | 0.04/0.10 | ND | 0.04 | Pass |
| Methomyl | 0.04/0.10 | ND | 0.1 | Pass |
| Methyl parathion | 0.04/0.10 | ND | 0.04 | Pass |
| Mevinphos | 0.04/0.10 | ND | 0.04 | Pass |
| Myclobutanil | 0.04/0.10 | ND | 9.0 | Pass |
| Naled | 0.04/0.10 | ND | 0.5 | Pass |
| Oxamyl | 0.20/0.50 | ND | 0.2 | Pass |
| Pacllobutrazol | 0.04/0.10 | ND | 0.04 | Pass |
| Pentachloronitrobenzene | 0.04/0.10 | ND | 0.2 | Pass |

| Analyte | LOD / LOQ (µg/g) | Finding (µg/g) | Limit (µg/g) | Status |
|--------------------|------------------|----------------|--------------|--------|
| Permethrins | 0.10/0.25 | ND | 20.0 | Pass |
| Phosmet | 0.04/0.10 | ND | 0.2 | Pass |
| Piperonyl Butoxide | 0.04/0.10 | ND | 8.0 | Pass |
| Prallethrin | 0.04/0.10 | ND | 0.4 | Pass |
| Propiconazole | 0.04/0.10 | ND | 20.0 | Pass |
| Propoxur | 0.04/0.10 | ND | 0.04 | Pass |
| Pyrethrins | 0.20/0.50 | ND | 1.0 | Pass |
| Pyridaben | 0.04/0.10 | ND | 3.0 | Pass |
| Spinetoram | 0.04/0.10 | ND | 3.0 | Pass |
| Spinosad | 0.04/0.10 | ND | 3.0 | Pass |
| Spiromesifen | 0.04/0.10 | ND | 12.0 | Pass |
| Spirotetramat | 0.04/0.10 | ND | 13.0 | Pass |
| Spiroxamine | 0.04/0.10 | ND | 0.04 | Pass |
| Tebuconazole | 0.04/0.10 | ND | 2.0 | Pass |
| Thiacloprid | 0.04/0.10 | ND | 0.04 | Pass |
| Thiamethoxam | 0.35/1.00 | ND | 4.5 | Pass |
| Trifloxystrobin | 0.04/0.10 | ND | 30.0 | Pass |

RESIDUAL SOLVENT SCREEN ✔ Pass

11/10/2020

Method: USP OVI<467>

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

| Analyte | LOD / LOQ (µg/g) | Finding (µg/g) | Limit (µg/g) | Status |
|--------------------|------------------|----------------|--------------|--------|
| 1,2-Dichloroethane | 0.10/1.00 | ND | 1.0 | Pass |
| Acetone | 11/150 | ND | 5000 | Pass |
| Acetonitrile | 1/12 | ND | 410 | Pass |
| Benzene | 0.10/1.00 | ND | 1.0 | Pass |
| n-Butane | 130/400 | ND | 5000 | Pass |
| Chloroform | 0.10/1.00 | ND | 1.0 | Pass |
| Ethanol | 13/200 | <LOQ | 5000 | Pass |
| Ethyl Acetate | 5/80 | ND | 5000 | Pass |
| Ethyl Ether | 17/50 | ND | 5000 | Pass |
| Ethylene Oxide | 0.50/1.00 | ND | 1.0 | Pass |
| n-Heptane | 15/100 | ND | 5000 | Pass |
| n-Hexane | 2/10 | ND | 290 | Pass |
| Isopropyl Alcohol | 5/100 | <LOQ | 5000 | Pass |
| Methanol | 3/50 | <LOQ | 3000 | Pass |
| Methylene Chloride | 0.50/1.00 | ND | 1.0 | Pass |
| n-Pentane | 26/150 | ND | 5000 | Pass |
| Propane | 170/510 | ND | 5000 | Pass |
| Toluene | 2/30 | ND | 890 | Pass |
| Total Xylenes | 5/90 | ND | 2170 | Pass |
| Trichloroethylene | 0.10/1.00 | ND | 1.0 | Pass |

(-) = Not Tested, ND = None Detected, <LOQ = Below Limit of Quantitation, LOD = Limit of Detection

Reported by



Vu Lam
Lab Co Director



Scan to verify