



CV SCIENCES™

A LIFE SCIENCE COMPANY

Certificate of Analysis

January 3, 2020

Sample ID: FP-19-1716

Product name: Plus CBD Oil Hemp Gummies Citrus Punch

Batch/Lot#: PV121120192-30

Strength: 5mg 30ct

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> |
| CBD | 6.71 | HPLC | HP |
| CBDV | 0.01 | HPLC | HP |
| CBDA | 0.09 | HPLC | HP |
| CBG | 0.08 | HPLC | HP |
| CBGA | 0.00 | HPLC | HP |
| CBC | 0.39 | HPLC | HP |
| CBN | 0.00 | HPLC | HP |
| Δ^9 -THC | 0.17 | HPLC | HP |
| THCA | 0.00 | HPLC | HP |
| Total cannabinoids: | 7.5 mg | | |
| Sample size: | 4.54 g (1 gummy) | | |
| THC by mass: | 0.0038 % | | |

Hayley Palmer
JAN 03 2020

Vandana Kothari
JAN 03 2020

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

1912DBL0395.12780

Batch FP-19-1716

Lot PV121120192-30

Ordered 12/28/2019

Completed 12/31/2019

Plus CBD Oil 5mg 30ct Hemp Gummies Citrus Punch EXP:06/21

Cannabinoids

| | 6.53 | 0.152 | 4.31 |
|---------------------|-------------|--------|-------------------------|
| Total CBD (mg/unit) | % Total CBD | | Unit weight (g) |
| Cannabinoid | LOQ | Mass % | Mass Concentration mg/g |
| CBD | 0.004 | 0.152 | 1.52 |
| CBDa | 0.004 | <LOQ | <LOQ |
| d9-THC | 0.004 | <LOQ | <LOQ |
| THCA-A | 0.004 | <LOQ | <LOQ |
| d8-THC | 0.004 | <LOQ | <LOQ |
| THCV | 0.004 | <LOQ | <LOQ |
| CBDV | 0.004 | <LOQ | <LOQ |
| CBDVA | 0.004 | <LOQ | <LOQ |
| CBGA | 0.004 | <LOQ | <LOQ |
| CBG | 0.004 | <LOQ | <LOQ |
| CBN | 0.004 | <LOQ | <LOQ |
| CBC | 0.004 | 0.006 | 0.06 |
| CBL | 0.004 | <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 |

| 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 |

Water Activity: Limit
0.6920 0.8500

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 | <LOQ | 61 | 2000 |
| Cadmium | PASS | <LOQ | 61 | 820 |
| Mercury | PASS | <LOQ | 61 | 400 |
| Lead | PASS | <LOQ | 61 | 1200 |



Stacy Gardalen

Stacy Gardalen
Director

Kelly Zaugg

Kelly Zaugg
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 (MM# 61867736101164525768) 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.