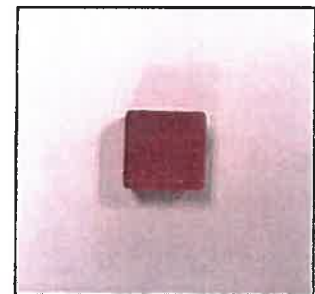
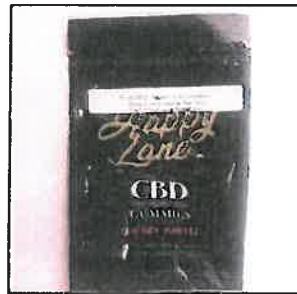




CV SCIENCES™

Certificate of Analysis  
August 20, 2020

**Sample ID:** FP-20-0524  
**Product name:** Happy Lane Gummies -  
Cherry Jubilee  
**Batch/Lot#:** 20SM2017  
**Strength:** 25mg 10ct (1pk and 6pk)  
**Expiration:** 07/22  
**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                        | 25.28                   | HPLC           |
| CBDV                       | 0.08                    | HPLC           |
| CBDA                       | ND                      | HPLC           |
| CBGA                       | ND                      | HPLC           |
| CBG                        | ND                      | HPLC           |
| CBN                        | ND                      | HPLC           |
| Δ <sup>9</sup> -THC        | ND                      | HPLC           |
| CBC                        | ND                      | HPLC           |
| THCA                       | ND                      | HPLC           |
| <b>Total cannabinoids:</b> | <b>25.4 mg</b>          |                |
| <b>Sample size:</b>        | <b>4.57 g (1 gummy)</b> |                |
| <b>THC by mass:</b>        | <b>&lt;0.00 %</b>       |                |

ND = NOT DETECTED

*Hayley Palmer*  
AUG 20 2020

*Vandana Kothari*  
AUG 20 2020

Analyst \_\_\_\_\_ Date \_\_\_\_\_  
Hayley Palmer, B.S.  
QC Lab Assistant

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_  
Vandana Kothari, M.S., B.Pharm.  
QC Supervisor

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

2008DBL0240.7868

Batch FP-20-0524

Lot 20SM2017

Ordered 8/21/2020

Completed 8/26/2020

Happy Lane Gummies - 25mg Cherry Jubilee 10ct (1pk and 6pk) EXP: 07/22

## Cannabinoids

|                     | 28.96 | 0.64        | 4.53                       |
|---------------------|-------|-------------|----------------------------|
| Total CBD (mg/unit) |       | % Total CBD | Unit weight (g)            |
| Cannabinoid         | LOQ % | Mass %      | Mass mg/g<br>Concentration |
| CBD                 | 0.00  | 0.64        | 6.4                        |
| CBDa                | 0.00  | <LOQ        | <LOQ                       |
| d9-THC              | 0.00  | <LOQ        | <LOQ                       |
| THCA-A              | 0.00  | <LOQ        | <LOQ                       |
| d8-THC              | 0.00  | <LOQ        | <LOQ                       |
| THCV                | 0.00  | <LOQ        | <LOQ                       |
| CBDV                | 0.00  | <LOQ        | <LOQ                       |
| CBDVA               | 0.00  | <LOQ        | <LOQ                       |
| CBGA                | 0.00  | <LOQ        | <LOQ                       |
| CBG                 | 0.00  | <LOQ        | <LOQ                       |
| CBN                 | 0.00  | <LOQ        | <LOQ                       |
| CBC                 | 0.00  | <LOQ        | <LOQ                       |
| CBL                 | 0.00  | <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: 0.5418 PASS Limit: 0.8500

- The hemp extract is the product of a batch tested by the independent testing laboratory.
- 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
- The batch does not contain contaminants unsafe for human consumption.\*



## Microbiology

| Quantitative Analysis | Status    | Sample                   | LOQ          | Limit   |
|-----------------------|-----------|--------------------------|--------------|---------|
| Mold/Mildew/Yeast     | Pass/Fail | CFU/g                    | CFU/g        | CFU/g   |
| Enterobacteriaceae    | PASS      | <LOQ                     | 100          | 1,000   |
| Aerobic Bacteria      | PASS      | <LOQ                     | 100          | 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      | <LOQ   | 24  | 1500  |
| Cadmium  | PASS      | <LOQ   | 24  | 500   |
| Mercury  | PASS      | 36     | 24  | 1000  |
| Lead     | PASS      | 56     | 24  | 500   |

*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 (MMER 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. \*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.



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