



# Certificate of Analysis

Powered by Confident Cannabis

Sunflower Hemp Co

620-670-2260

Sample: 2103DBL0019.2160.R1

METRC Sample:  
Batch #: 20027A

Strain: N/A

Ordered: 03/01/2021; Sampled: 03/01/2021; Completed: 03/19/2021; Analyzed: 03/09/2021

## Gummy RR 50mg

Ingestible, Soft Chew



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS

| Compound               | LOQ<br>mg/unit | Mass<br>mg/unit | Mass<br>mg/g |
|------------------------|----------------|-----------------|--------------|
| <LOQ<br>Total Terpenes |                |                 |              |
| α-Bisabolol            | 0.307          | <LOQ            | <LOQ         |
| α-Humulene             | 0.307          | <LOQ            | <LOQ         |
| α-Pinene               | 0.307          | <LOQ            | <LOQ         |
| α-Terpinene            | 0.307          | <LOQ            | <LOQ         |
| β-Caryophyllene        | 0.307          | <LOQ            | <LOQ         |
| β-Myrcene              | 0.307          | <LOQ            | <LOQ         |
| β-Pinene               | 0.307          | <LOQ            | <LOQ         |
| Camphene               | 0.307          | <LOQ            | <LOQ         |
| Caryophyllene Oxide    | 0.307          | <LOQ            | <LOQ         |
| cis-Nerolidol          | 0.199          | <LOQ            | <LOQ         |
| cis-Ocimene            | 0.199          | <LOQ            | <LOQ         |
| δ-3-Carene             | 0.307          | <LOQ            | <LOQ         |
| δ-Limonene             | 0.307          | <LOQ            | <LOQ         |
| Eucalyptol             | 0.307          | <LOQ            | <LOQ         |
| γ-Terpinene            | 0.307          | <LOQ            | <LOQ         |
| Geraniol               | 0.307          | <LOQ            | <LOQ         |
| Guaiol                 | 0.307          | <LOQ            | <LOQ         |
| Isopulegol             | 0.307          | <LOQ            | <LOQ         |
| Linalool               | 0.307          | <LOQ            | <LOQ         |
| p-Cymene               | 0.307          | <LOQ            | <LOQ         |
| Terpinolene            | 0.307          | <LOQ            | <LOQ         |
| trans-Nerolidol        | 0.107          | <LOQ            | <LOQ         |
| trans-Ocimene          | 0.107          | <LOQ            | <LOQ         |

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

| Compound                                     | LOQ<br>mg/unit | Mass<br>mg/unit       | Mass<br>mg/g | Relative Concentration |
|--|----------------|-----------------------|--------------|------------------------|
| <b>Pass</b>                                  |                |                       |              |                        |
| 0.005%<br>Δ9-THC + Δ8-THC                    |                | 52.306 mg/unit<br>CBD |              | pH: NT<br>Aw: 0.51     |
| <b>54.264 mg/unit<br/>Total Cannabinoids</b> |                |                       |              |                        |
| <b>Not Tested<br/>Homogeneity</b>            |                |                       |              |                        |
| CBC  | 0.154          | <LOQ                  | <LOQ         |                        |
| CBCa   | 0.154          | <LOQ                  | <LOQ         |                        |
| CBD  | 0.154          | 52.306                | 19.040       |                        |
| CBDa   | 0.154          | <LOQ                  | <LOQ         |                        |
| CBDV   | 0.154          | 0.310                 | 0.113        |                        |
| CBDVa  | 0.154          | <LOQ                  | <LOQ         |                        |
| CBG  | 0.154          | 1.515                 | 0.551        |                        |
| CBGa   | 0.154          | <LOQ                  | <LOQ         |                        |
| CBL  | 0.154          | <LOQ                  | <LOQ         |                        |
| CBN  | 0.154          | <LOQ                  | <LOQ         |                        |
| Δ8-THC                                       | 0.154          | <LOQ                  | <LOQ         |                        |
| Δ9-THC                                       | 0.046          | 0.134                 | 0.049        |                        |
| THCa   | 0.154          | <LOQ                  | <LOQ         |                        |
| THCV   | 0.154          | <LOQ                  | <LOQ         |                        |
| THCVa  | 0.154          | <LOQ                  | <LOQ         |                        |

1 Unit = Gummy RR 50mg, 2.74708g  
Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



Notes: Updated potency values.



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Ingestible, Soft Chew



### Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

| Compound                | LOQ | Limit | Mass | Status |
|-------------------------|-----|-------|------|--------|
|                         | PPB | PPB   | PPB  |        |
| Abamectin               | 10  | 200   | <LOQ | Pass   |
| Acequinocyl             | 10  | 4000  | <LOQ | Pass   |
| Bifenazate              | 10  | 400   | <LOQ | Pass   |
| Bifenthrin              | 10  | 100   | <LOQ | Pass   |
| Cyfluthrin              | 10  | 2000  | <LOQ | Pass   |
| Cypermethrin            | 10  | 1000  | <LOQ | Pass   |
| Daminozide              | 10  | 800   | <LOQ | Pass   |
| Dimethomorph            | 10  | 2000  | <LOQ | Pass   |
| Etoxazole               | 10  | 400   | <LOQ | Pass   |
| Fenhexamid              | 10  | 1000  | <LOQ | Pass   |
| Flonicamid              | 10  | 1000  | <LOQ | Pass   |
| Fludioxonil             | 10  | 500   | <LOQ | Pass   |
| Imidacloprid            | 10  | 500   | <LOQ | Pass   |
| Myclobutanil            | 10  | 400   | <LOQ | Pass   |
| Pacllobutrazol          | 10  | 400   | <LOQ | Pass   |
| Piperonyl Butoxide      | 10  | 3000  | <LOQ | Pass   |
| Pyrethrins              | 10  | 2000  | <LOQ | Pass   |
| Quintozene              | 10  | 800   | <LOQ | Pass   |
| Spinetoram              | 10  | 1000  | <LOQ | Pass   |
| Spinosad                | 10  | 1000  | <LOQ | Pass   |
| Spirotetramat           | 10  | 1000  | <LOQ | Pass   |
| Thiamethoxam            | 10  | 400   | <LOQ | Pass   |
| Trifloxystrobin         | 10  | 1000  | <LOQ | Pass   |
| Plant Growth Regulators | 10  | 50    | <LOQ | Pass   |

### Microbials

Analyzed by 300.1 Plating/QPCR

Pass

| Quantitative Analysis                | LOQ   | Limit  | Mass  | Status |
|--------------------------------------|-------|--------|-------|--------|
|                                      | CFU/g | CFU/g  | CFU/g |        |
| Aerobic Bacteria                     | 800   | 100000 | <LOQ  | Pass   |
| Bile-Tolerant Gram-Negative Bacteria | 80    | 1000   | <LOQ  | Pass   |

  

| Qualitative Analysis | Detected or Not Detected | Status |
|----------------------|--------------------------|--------|
| E. Coli              | Not Detected             | Pass   |
| Salmonella           | Not Detected             | Pass   |

### Mycotoxins

Analyzed by 300.2 Elisa

Pass

| Mycotoxin    | LOQ | Limit | Mass | Status |
|--------------|-----|-------|------|--------|
|              | PPB | PPB   | PPB  |        |
| Aflatoxins   | 4.0 | 20.0  | 7.2  | Pass   |
| Ochratoxin A | 2.0 | 20.0  | 4.3  | Pass   |

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

| Element | LOQ | Limit | Mass | Status |
|---------|-----|-------|------|--------|
|         | PPB | PPB   | PPB  |        |
| Arsenic | 49  | 2000  | <LOQ | Pass   |
| Cadmium | 49  | 820   | <LOQ | Pass   |
| Lead    | 49  | 1200  | <LOQ | Pass   |
| Mercury | 49  | 400   | <LOQ | Pass   |

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

| Compound | LOQ | Limit | Mass | Status |
|----------|-----|-------|------|--------|
|          | PPM | PPM   | PPM  |        |
| Butanes  | 71  | 500   | <LOQ | Pass   |
| Ethanol  | 71  |       | 82   | Tested |
| Heptanes | 71  | 500   | <LOQ | Pass   |
| Propane  | 71  | 500   | <LOQ | Pass   |



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