

### SAMPLE DETAILS

**SAMPLE NAME:** 800mg Roll-On

Infused, Hemp

### CLIENT

**Business Name:** Roman Empire Farms

**License Number:**

**Address:** 662 Salt Springville Rd.  
Fort Plain NY 13339

### SAMPLE DETAIL

**Batch Number:** 26RE070406

**Sample ID:** 260605R014

**Date Collected:** 06/05/2026

**Date Received:** 06/05/2026

**Batch Size:**

**Sample Size:**

**Unit Mass:**

**Serving Size:**



Scan QR code to verify  
authenticity of results.

### CANNABINOID ANALYSIS - SUMMARY

**Total THC:** 0.993 mg/g

**Total CBD:** 92.697 mg/g

**Sum of Cannabinoids:** 97.422 mg/g

**Total Cannabinoids:** 97.422 mg/g

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:  
Total THC =  $\Delta^9$ -THC + (THCa (0.877))  
Total CBD = CBD + (CBDa (0.877))  
Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBN + CBNa  
Total Cannabinoids = ( $\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + (CBN+0.877\*CBNa)

### SAFETY ANALYSIS - SUMMARY

**Microbiology (PCR):** ND

**Microbiology (Plating):** ND

These results relate only to the sample included on this report.  
This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** Colorado Marijuana Rules 1 CCR 212-3

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  $\mu\text{g/g}$  = ppm,  $\mu\text{g/kg}$  = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

*Samantha Schumann*  
Approved by: Sam Schumann  
Laboratory Director  
Date: 06/12/2026



### Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: (GLB-TM-14) Cannabinoid Potency Determination

**TOTAL THC: 0.993 mg/g**

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

**TOTAL CBD: 92.697 mg/g**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 97.422 mg/g**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + (Total CBN)

**TOTAL CBG: 0.206 mg/g**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 3.323 mg/g**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

Exclusions<sup>1</sup> see last page

Exclusions<sup>2</sup> see last page



### Microbiology Analysis

#### PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: (GLB-TM-25) Bioburden Testing for STEC & Salmonella or (GLB-TM-37) Microbiological Detection of Pathogenic Aspergillus

#### CANNABINOID TEST RESULTS - 06/10/2026

| COMPOUND            | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------|----------------|--------------------------------|---------------|------------|
| CBD                 | 0.025 / 0.533  | ±6.2107                        | 92.697        | 9.2697     |
| CBC                 | 0.003 / 0.208  | ±0.2359                        | 3.323         | 0.3323     |
| $\Delta^9$ -THC     | 0.001 / 0.089  | ±0.0705                        | 0.993         | 0.0993     |
| CBG                 | 0.014 / 0.117  | ±0.0071                        | 0.206         | 0.0206     |
| CBN                 | 0.009 / 0.155  | ±0.0105                        | 0.203         | 0.0203     |
| $\Delta^8$ -THC     | 0.008 / 0.587  | N/A                            | <LOQ          | <LOQ       |
| THCa                | 0.004 / 0.079  | N/A                            | ND            | ND         |
| THCV                | 0.010 / 0.107  | N/A                            | ND            | ND         |
| THCVa               | 0.008 / 0.416  | N/A                            | ND            | ND         |
| CBDa                | 0.030 / 0.547  | N/A                            | ND            | ND         |
| CBDV                | 0.019 / 0.125  | N/A                            | ND            | ND         |
| CBDVa               | 0.009 / 0.229  | N/A                            | ND            | ND         |
| CBGa                | 0.010 / 0.493  | N/A                            | ND            | ND         |
| CBCa                | 0.010 / 0.189  | N/A                            | ND            | ND         |
| CBNa                | 0.008 / 0.336  | N/A                            | ND            | ND         |
| SUM OF CANNABINOIDS |                |                                | 97.422 mg/g   | 9.7422%    |

#### MICROBIOLOGY TEST RESULTS (PCR) - 06/11/2026 ND

| COMPOUND                               | RESULT |
|----------------------------------------|--------|
| Salmonella spp.                        | ND     |
| Shiga toxin-producing Escherichia coli | ND     |



 **Microbiology Analysis** *Continued*

**MICROBIOLOGY TEST RESULTS (PLATING) - 06/11/2026 ND**

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

**Method:** (GLB-TM-24) Bioburden Testing for Total Yeast and Mold

| COMPOUND               | RESULT (cfu/g) |
|------------------------|----------------|
| Coliforms              | ND             |
| Total Aerobic Bacteria | ND             |
| Total Yeast and Mold   | ND             |

- NOTES**
- 1. Exclusions: Not accredited by the CDPHE and not for official purposes
  - 2. Exclusions: Not accredited by the CDPHE and not for official purposes