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Colchester, VT 05446  
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# Certificate of Analysis

**Client Name:** Pinnacle Valley Farms  
**License Number:** CLTV0077

**Sample ID:** 20260630-33190  
**Sample Name:** Grape Lemonade  
**Sample Lot:** CLTV0077-95-0596  
**Sample Matrix:** Flower  
**Date Received:** 6/30/2026  
**Date Reported:** 7/2/2026  
**Date Tested:** 6/30/2026



## Total Cannabinoids

|                            | %             | mg/g           |
|----------------------------|---------------|----------------|
| <b>Total THC:</b>          | <b>18.425</b> | <b>184.254</b> |
| <b>Total CBD:</b>          | <b>--</b>     | <b>--</b>      |
| <b>Total Cannabinoids:</b> | <b>22.114</b> | <b>221.141</b> |

**Total theoretical CBD % = (CBD%) + (CBDA% \* 0.877)**  
**Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)**

## Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-102-OA) | Test ID: #109317

| Analyte | % (Dry) | mg/g (Dry) | %      | mg/g    | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|------------|--------|---------|------------|------------|
| CBC     | ND      | ND         | ND     | ND      | 0.0003     | 0.0040     |
| CBCA    | 0.629   | 6.287      | 0.541  | 5.415   | 0.0002     | 0.0040     |
| CBD     | ND      | ND         | ND     | ND      | 0.0008     | 0.0040     |
| CBDA    | ND      | ND         | ND     | ND      | 0.0002     | 0.0040     |
| CBDV    | ND      | ND         | ND     | ND      | 0.0008     | 0.0040     |
| CBDVA   | ND      | ND         | ND     | ND      | 0.0001     | 0.0040     |
| CBG     | < LOQ   | < LOQ      | < LOQ  | < LOQ   | 0.0009     | 0.0040     |
| CBGA    | 0.476   | 4.758      | 0.410  | 4.098   | 0.0001     | 0.0040     |
| CBN     | ND      | ND         | ND     | ND      | 0.0004     | 0.0040     |
| CBNA    | ND      | ND         | ND     | ND      | 0.0002     | 0.0040     |
| D8 THC  | ND      | ND         | ND     | ND      | 0.0012     | 0.0040     |
| D9 THC  | ND      | ND         | ND     | ND      | 0.0016     | 0.0049     |
| D10 THC | ND      | ND         | ND     | ND      | 0.0004     | 0.0040     |
| THCA    | 21.010  | 210.096    | 18.096 | 180.956 | 0.0002     | 0.0040     |
| THCV    | ND      | ND         | ND     | ND      | 0.0016     | 0.0049     |
| THCVA   | ND      | ND         | ND     | ND      | 0.0002     | 0.0040     |

\* Measurements of uncertainty available on request

## Moisture & Water Activity

**PASS**

Water Activity and Moisture Content Analysis (SOP-120-OA) | Test ID: #109318

| Analyte        | Result (%) | Limit | Pass/Fail |
|----------------|------------|-------|-----------|
| Moisture       | 13.87      | 13.00 | PASS      |
| Water Activity | 0.63       | 0.65  |           |

*Callie Chapman*

Callie Chapman  
Lab Director  
7/2/2026

Rev. 1 Initial Release

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