



# Certificate of Analysis

Powered by Confident Cannabis

**Acirely**

Salt Lake City, UT 84152  
s.duke@acirelyfarms.com

**Sample: 2009DBL0016.8363.R1**

METRC Sample:  
Lot #: 001HE

Lic. #

Ordered: 09/02/2020; Sampled: 09/10/2020; Completed: 09/28/2020; Analyzed: 09/25/2020

Strain: Acirely Farms

## Acirely Farms 500mg Hemp Extract

Ingestible, Tincture, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



12.667 mg/unit  
Total Terpenes

| Compound            | LOQ<br>mg/unit | Mass<br>mg/unit | Mass<br>mg/g | Relative Concentration |
|---------------------|----------------|-----------------|--------------|------------------------|
| β-Caryophyllene     | 3.064          | 9.451           | 0.315        |                        |
| α-Humulene          | 3.064          | 3.216           | 0.107        |                        |
| α-Bisabolol         | 3.064          | <LOQ            | <LOQ         |                        |
| α-Pinene            | 3.064          | <LOQ            | <LOQ         |                        |
| α-Terpinene         | 3.064          | <LOQ            | <LOQ         |                        |
| β-Myrcene           | 3.064          | <LOQ            | <LOQ         |                        |
| β-Pinene            | 3.064          | <LOQ            | <LOQ         |                        |
| Camphene            | 3.064          | <LOQ            | <LOQ         |                        |
| Caryophyllene Oxide | 3.064          | <LOQ            | <LOQ         |                        |
| cis-Nerolidol       | 1.991          | <LOQ            | <LOQ         |                        |
| cis-Ocimene         | 1.991          | <LOQ            | <LOQ         |                        |
| δ-3-Carene          | 3.064          | <LOQ            | <LOQ         |                        |
| δ-Limonene          | 3.064          | <LOQ            | <LOQ         |                        |
| Eucalyptol          | 3.064          | <LOQ            | <LOQ         |                        |
| γ-Terpinene         | 3.064          | <LOQ            | <LOQ         |                        |
| Guaiol              | 3.064          | <LOQ            | <LOQ         |                        |
| Isopulegol          | 3.064          | <LOQ            | <LOQ         |                        |
| Linalool            | 3.064          | <LOQ            | <LOQ         |                        |
| p-Cymene            | 3.064          | <LOQ            | <LOQ         |                        |
| Terpinolene         | 3.064          | <LOQ            | <LOQ         |                        |
| trans-Nerolidol     | 1.072          | <LOQ            | <LOQ         |                        |
| trans-Ocimene       | 1.072          | <LOQ            | <LOQ         |                        |

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

**Pass**

**0.062%**  
Δ9-THC + Δ8-THC

**527.523 mg/unit**  
CBD

pH: NT  
Aw: 0.27

**601.670 mg/unit**  
Total Cannabinoids

**Not Tested**  
Homogeneity

| Compound | LOQ<br>mg/unit | Mass<br>mg/unit | Mass<br>mg/g | Relative Concentration |
|----------|----------------|-----------------|--------------|------------------------|
| CBC      | 1.370          | 44.240          | 1.475        |                        |
| CBCa     | 1.370          | <LOQ            | <LOQ         |                        |
| CBD      | 1.370          | 527.523         | 17.584       |                        |
| CBDa     | 1.370          | <LOQ            | <LOQ         |                        |
| CBDV     | 1.370          | <LOQ            | <LOQ         |                        |
| CBDVa    | 1.370          | <LOQ            | <LOQ         |                        |
| CBG      | 1.370          | 11.252          | 0.375        |                        |
| CBGa     | 1.370          | <LOQ            | <LOQ         |                        |
| CBL      | 1.370          | <LOQ            | <LOQ         |                        |
| CBN      | 1.370          | <LOQ            | <LOQ         |                        |
| Δ8-THC   | 1.370          | <LOQ            | <LOQ         |                        |
| Δ9-THC   | 1.370          | 18.653          | 0.622        |                        |
| THCa     | 1.370          | <LOQ            | <LOQ         |                        |
| THCV     | 1.370          | <LOQ            | <LOQ         |                        |
| THCVa    | 1.370          | <LOQ            | <LOQ         |                        |

1 Unit = Acirely Farms 500mg Hemp Extract, 30g

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



Notes: Updated unit weight.



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## Acirely Farms 500mg Hemp Extract

Ingestible, Tincture, Alcohol



### 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   |
| Etozazole               | 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                     | 900   | 100000 | <LOQ  | Pass   |
| Bile-Tolerant Gram-Negative Bacteria | 90    | 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  | <LOQ | Pass   |
| Ochratoxin A | 2.0 | 20.0  | 2.7  | 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  | 65  | 500   | <LOQ | Pass   |
| Ethanol  | 65  |       | 72   | Tested |
| Heptanes | 65  | 500   | <LOQ | Pass   |
| Propane  | 65  | 500   | <LOQ | Pass   |



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