



# Certificate of Analysis

Powered by Confident Cannabis

**Acirely**

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

Sample: 2004DBL0172.4800

METRC Sample:  
Lot #: 0420RE

Lic. #

Strain: Acirely Farms  
Ordered: 04/21/2020; Sampled: 04/23/2020; Completed: 05/04/2020

## Acirely Farms 1000mg Hemp Extract

Ingestible, Tincture, Other



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



28.747 mg/unit  
Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
β-Caryophyllene	2.564	16.736	0.590	
α-Humulene	2.564	5.677	0.200	
cis-Nerolidol	1.666	4.053	0.143	
trans-Nerolidol	0.897	2.281	0.080	
α-Bisabolol	2.564	<LOQ	<LOQ	
α-Pinene	2.564	<LOQ	<LOQ	
α-Terpinene	2.564	<LOQ	<LOQ	
β-Myrcene	2.564	<LOQ	<LOQ	
β-Pinene	2.564	<LOQ	<LOQ	
Camphene	2.564	<LOQ	<LOQ	
Caryophyllene Oxide	2.564	<LOQ	<LOQ	
cis-Ocimene	1.666	<LOQ	<LOQ	
δ-3-Carene	2.564	<LOQ	<LOQ	
δ-Limonene	2.564	<LOQ	<LOQ	
Eucalyptol	2.564	<LOQ	<LOQ	
γ-Terpinene	2.564	<LOQ	<LOQ	
Guaiol	2.564	<LOQ	<LOQ	
Isopulegol	2.564	<LOQ	<LOQ	
Linalool	2.564	<LOQ	<LOQ	
p-Cymene	2.564	<LOQ	<LOQ	
Terpinolene	2.564	<LOQ	<LOQ	
trans-Ocimene	0.897	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

**Pass**

**0.145%**  
Δ9-THC + Δ8-THC

**1,041.529 mg/unit**  
CBD

pH: NT  
Aw: 0.21

**1,200.052 mg/unit**  
Total Cannabinoids

**Not Tested**  
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	1.358	72.851	2.566	
CBCa	1.358	<LOQ	<LOQ	
CBD	1.358	1041.529	36.692	
CBDa	1.358	<LOQ	<LOQ	
CBDV	1.358	14.388	0.507	
CBDVa	1.358	<LOQ	<LOQ	
CBG	1.358	27.213	0.959	
CBGa	1.358	<LOQ	<LOQ	
CBL	1.358	2.805	0.099	
CBN	1.358	<LOQ	<LOQ	
Δ8-THC	1.358	<LOQ	<LOQ	
Δ9-THC	1.358	41.266	1.454	
THCa	1.358	<LOQ	<LOQ	
THCV	1.358	<LOQ	<LOQ	
THCVa	1.358	<LOQ	<LOQ	

1 Unit = Acirely Farms 1000mg Hemp Extract, 28.386g

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



*Stacy Gardalen*

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Quality Control

*Glen Marquez*

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## Acirely Farms 1000mg Hemp Extract

Ingestible, Tincture, Other



### 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
Etoazole	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
Paclbutrazol	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
Coliforms	90	1000	<LOQ	Pass
Yeast & Mold	90	10000	<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	<LOQ	Pass

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	36	2000	<LOQ	Pass
Cadmium	36	820	<LOQ	Pass
Lead	36	1200	66	Pass
Mercury	36	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	58	500	<LOQ	Pass
Ethanol	58		<LOQ	Tested
Heptanes	58	500	<LOQ	Pass
Propane	58	500	<LOQ	Pass



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