



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

41.266 mg/unit
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
Quality Control

Glen Marquez
Quality Control



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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
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
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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