

Spire Hemp Wellness

Las Vegas, NV 89120
 randy@spirewellness.com
 (714) 651-9510
 Lic. #CBD

Sample: 2209DBL0078.4630
 METRC Sample:

Strain: N/A
 Ordered: 09/19/2022; Sampled: 09/19/2022; Completed: 09/27/2022

Spire 750mg Muscle Cream

Topical, Lotion



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



8.677 mg/unit
 Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
Terpinolene	2.807	8.677	0.289	
α-Bisabolol	2.807	<LOQ	<LOQ	
α-Humulene	2.807	<LOQ	<LOQ	
α-Pinene	2.807	<LOQ	<LOQ	
α-Terpinene	2.807	<LOQ	<LOQ	
β-Caryophyllene	2.807	<LOQ	<LOQ	
β-Myrcene	2.807	<LOQ	<LOQ	
β-Pinene	2.807	<LOQ	<LOQ	
Camphene	2.807	<LOQ	<LOQ	
Caryophyllene Oxide	2.807	<LOQ	<LOQ	
cis-Nerolidol	1.824	<LOQ	<LOQ	
cis-Ocimene	1.824	<LOQ	<LOQ	
δ-3-Carene	2.807	<LOQ	<LOQ	
δ-Limonene	2.807	<LOQ	<LOQ	
Eucalyptol	2.807	<LOQ	<LOQ	
γ-Terpinene	2.807	<LOQ	<LOQ	
Geraniol	2.807	<LOQ	<LOQ	
Guaiol	2.807	<LOQ	<LOQ	
Isopulegol	2.807	<LOQ	<LOQ	
Linalool	2.807	<LOQ	<LOQ	
p-Cymene	2.807	<LOQ	<LOQ	
trans-Nerolidol	0.982	<LOQ	<LOQ	
trans-Ocimene	0.982	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Not Tested

<LOQ
 Δ9-THC + Δ8-THC

673.765 mg/unit
 CBD

pH: NT
 Aw: NT

675.829 mg/unit
 Total Cannabinoids

Not Tested
 Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	1.436	<LOQ	<LOQ	
CBCa	1.436	<LOQ	<LOQ	
CBD	1.436	673.765	22.459	
CBDa	1.436	<LOQ	<LOQ	
CBDV	1.436	2.064	0.069	
CBDVa	1.436	<LOQ	<LOQ	
CBG	1.436	<LOQ	<LOQ	
CBGa	1.436	<LOQ	<LOQ	
CBL	1.436	<LOQ	<LOQ	
CBN	1.436	<LOQ	<LOQ	
Δ8-THC	1.436	<LOQ	<LOQ	
Δ9-THC	1.436	<LOQ	<LOQ	
THCa	1.436	<LOQ	<LOQ	
THCV	1.436	<LOQ	<LOQ	
THCVa	1.436	<LOQ	<LOQ	

1 Unit = Spire 750mg Muscle Cream , 30g

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



Glen Marquez
 Glen Marquez
 Laboratory Director

Sherri Defreese
 Sherri Defreese
 Quality Control



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Certificate of Analysis

Powered by Confident Cannabis

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Spire 750mg Muscle Cream

Topical, Lotion



Pesticides		Pass		
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	0	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	0	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	0	<LOQ	Pass
Daminozide	10	0	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	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	0	<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		Pass		
Analyzed by 300.1 Plating/QPCR				
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
Yeast & Mold	9	10000	<LOQ	Pass
Qualitative Analysis	Detected or Not Detected			Status
E. Coli	Not Detected			Pass
Salmonella	Not Detected			Pass

Mycotoxins		Not Tested		
Analyzed by 300.2 Elisa				
Mycotoxin	LOQ	Limit	Mass	Status

Heavy Metals		Pass		
Analyzed by 300.8 ICP/MS				
Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	44	2000	<LOQ	Pass
Cadmium	44	820	<LOQ	Pass
Lead	44	1200	<LOQ	Pass
Mercury	44	400	<LOQ	Pass

Residual Solvents		Pass		
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	60	500	<LOQ	Pass
Ethanol	60		<LOQ	Tested
Heptanes	60	500	<LOQ	Pass
Propane	60	500	<LOQ	Pass



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