

## Spire Hemp Wellness

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

Sample: 2209DBL0078.4627  
 METRC Sample:

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

## Spire 50mg Night Tincture Vanilla

Ingestible, Tincture



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g
<LOQ Total Terpenes			
α-Bisabolol	2.663	<LOQ	<LOQ
α-Humulene	2.663	<LOQ	<LOQ
α-Pinene	2.663	<LOQ	<LOQ
α-Terpinene	2.663	<LOQ	<LOQ
β-Caryophyllene	2.663	<LOQ	<LOQ
β-Myrcene	2.663	<LOQ	<LOQ
β-Pinene	2.663	<LOQ	<LOQ
Camphene	2.663	<LOQ	<LOQ
Caryophyllene Oxide	2.663	<LOQ	<LOQ
cis-Nerolidol	1.731	<LOQ	<LOQ
cis-Ocimene	1.731	<LOQ	<LOQ
δ-3-Carene	2.663	<LOQ	<LOQ
δ-Limonene	2.663	<LOQ	<LOQ
Eucalyptol	2.663	<LOQ	<LOQ
γ-Terpinene	2.663	<LOQ	<LOQ
Geraniol	2.663	<LOQ	<LOQ
Guaiol	2.663	<LOQ	<LOQ
Isopulegol	2.663	<LOQ	<LOQ
Linalool	2.663	<LOQ	<LOQ
p-Cymene	2.663	<LOQ	<LOQ
Terpinolene	2.663	<LOQ	<LOQ
trans-Nerolidol	0.932	<LOQ	<LOQ
trans-Ocimene	0.932	<LOQ	<LOQ

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
<LOQ Δ9-THC + Δ8-THC		1,445.978 mg/unit		Not Tested
		CBD		pH: NT Aw: NT
		1,451.074 mg/unit		Not Tested
		Total Cannabinoids		Homogeneity
CBC	1.515	<LOQ	<LOQ	
CBCa	1.515	<LOQ	<LOQ	
CBD	1.515	1445.978	48.199	
CBDa	1.515	<LOQ	<LOQ	
CBDV	1.515	5.095	0.170	
CBDVa	1.515	<LOQ	<LOQ	
CBG	1.515	<LOQ	<LOQ	
CBGa	1.515	<LOQ	<LOQ	
CBL	1.515	<LOQ	<LOQ	
CBN	1.515	<LOQ	<LOQ	
Δ8-THC	1.515	<LOQ	<LOQ	
Δ9-THC	1.515	<LOQ	<LOQ	
THCa	1.515	<LOQ	<LOQ	
THCV	1.515	<LOQ	<LOQ	
THCVa	1.515	<LOQ	<LOQ	

1 Unit = Spire 50mg Night Tincture Vanilla, 30g  
 Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



*[Signature]*  
 Glen Marquez  
 Laboratory Director

*[Signature]*  
 Sherri Defreese  
 Quality Control



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# Certificate of Analysis

Powered by Confident Cannabis

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## Spire 50mg Night Tincture Vanilla

Ingestible, Tincture



### Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

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

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	100000	12800	Pass
Bile-Tolerant Gram-Negative Bacteria	100	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

Not Tested

Mycotoxin	LOQ	Limit	Mass	Status
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### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	55	2000	<LOQ	Pass
Cadmium	55	820	<LOQ	Pass
Lead	55	1200	84	Pass
Mercury	55	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	57	500	<LOQ	Pass
Ethanol	57		411	Tested
Heptanes	57	500	<LOQ	Pass
Propane	57	500	<LOQ	Pass



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