



# Certificate of Analysis

Powered by Confident Cannabis

Sunflower Hemp Co\*

620-670-2260

Sample: 2103DBL0192.2599

METRC Sample:

Strain: N/A

Ordered: 03/11/2021; Sampled: 03/16/2021; Completed: 03/24/2021

## SFBS001-1000mg Salve

Topical, Salve



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



837.517 mg/unit  
Total Terpenes

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
Linalool	4.958	327.626	7.705	
Eucalyptol	4.958	113.916	2.679	
α-Pinene	4.958	110.996	2.610	
Camphene	4.958	52.388	1.232	
trans-Ocimene	1.735	50.738	1.193	
δ-Limonene	4.958	50.453	1.187	
β-Caryophyllene	4.958	27.765	0.653	
β-Pinene	4.958	26.972	0.634	
Geraniol	4.958	24.433	0.575	
β-Myrcene	4.958	19.578	0.460	
p-Cymene	4.958	11.899	0.280	
cis-Nerolidol	3.223	9.170	0.216	
cis-Ocimene	3.223	7.076	0.166	
trans-Nerolidol	1.735	4.506	0.106	
α-Bisabolol	4.958	<LOQ	<LOQ	
α-Humulene	4.958	<LOQ	<LOQ	
α-Terpinene	4.958	<LOQ	<LOQ	
Caryophyllene Oxide	4.958	<LOQ	<LOQ	
δ-3-Carene	4.958	<LOQ	<LOQ	
γ-Terpinene	4.958	<LOQ	<LOQ	
Guaiol	4.958	<LOQ	<LOQ	
Isopulegol	4.958	<LOQ	<LOQ	
Terpinolene	4.958	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
<LOQ	<LOQ	<LOQ	<LOQ	
Δ9-THC + Δ8-THC	<LOQ	<LOQ	<LOQ	
1,099.555 mg/unit				
CBD				
1,129.217 mg/unit				
Total Cannabinoids				
CBC	2.346	<LOQ	<LOQ	
CBCa	2.346	<LOQ	<LOQ	
CBD	2.346	1099.555	25.860	
CBDa	2.346	<LOQ	<LOQ	
CBDV	2.346	<LOQ	<LOQ	
CBDVa	2.346	<LOQ	<LOQ	
CBG	2.346	29.663	0.698	
CBGa	2.346	<LOQ	<LOQ	
CBL	2.346	<LOQ	<LOQ	
CBN	2.346	<LOQ	<LOQ	
Δ8-THC	2.346	<LOQ	<LOQ	
Δ9-THC	8.504	<LOQ	<LOQ	
THCa	2.346	<LOQ	<LOQ	
THCV	2.346	<LOQ	<LOQ	
THCVa	2.346	<LOQ	<LOQ	

1 Unit = SFBS001-1000mg Salve, 42.52g  
Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD

Not Tested

pH: NT  
Aw: NT

Not Tested  
Homogeneity



*Benjamin G.M. Chew*  
Benjamin G.M. Chew, Ph.D.  
Laboratory Director

*Glen Marquez*  
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## SFBS001-1000mg Salve

Topical, Salve



### 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
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	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	
Bile-Tolerant Gram-Negative Bacteria	9	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

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	5.0	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	75	500	<LOQ	Pass
Ethanol	75		<LOQ	Tested
Heptanes	75	500	<LOQ	Pass
Propane	75	500	<LOQ	Pass



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