



# Certificate of Analysis

Powered by Confident Cannabis

Muscle MX, LLC\*

info@musclemx.com

Sample: 2106DBL0051.5918

METRC Sample:

Strain: Activate Mini

Ordered: 06/03/2021; Sampled: 06/09/2021; Completed: 06/25/2021

AM-060121

Topical, Salve, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

## Terpenes

Analyzed by 300.13 GC/FID and GC/MS



910.366 mg/unit  
Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
Eucalyptol	1.632	482.331	34.452	
δ-Limonene	1.632	178.834	12.774	
α-Pinene	1.632	70.407	5.029	
p-Cymene	1.632	47.140	3.367	
β-Pinene	1.632	37.904	2.707	
β-Myrcene	1.632	34.864	2.490	
γ-Terpinene	1.632	20.676	1.477	
α-Terpinene	1.632	15.107	1.079	
Isopulegol	1.632	10.469	0.748	
β-Caryophyllene	1.632	4.921	0.351	
Terpinolene	1.632	4.357	0.311	
Linalool	1.632	2.685	0.192	
trans-Ocimene	0.571	0.669	0.048	
α-Bisabolol	1.632	<LOQ	<LOQ	
α-Humulene	1.632	<LOQ	<LOQ	
Camphene	1.632	<LOQ	<LOQ	
Caryophyllene Oxide	1.632	<LOQ	<LOQ	
cis-Nerolidol	1.061	<LOQ	<LOQ	
cis-Ocimene	1.061	<LOQ	<LOQ	
δ-3-Carene	1.632	<LOQ	<LOQ	
Geraniol	1.632	<LOQ	<LOQ	
Guaiol	1.632	<LOQ	<LOQ	
trans-Nerolidol	0.571	<LOQ	<LOQ	

## Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Not Tested

<LOQ  
Δ9-THC + Δ8-THC

68.467 mg/unit  
CBD

pH: NT  
Aw: NT

68.467 mg/unit  
Total Cannabinoids

Not Tested  
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	0.717	<LOQ	<LOQ	
CBCa	0.717	<LOQ	<LOQ	
CBD	0.717	68.467	4.891	
CBDa	0.717	<LOQ	<LOQ	
CBDV	0.717	<LOQ	<LOQ	
CBDVa	0.717	<LOQ	<LOQ	
CBG	0.717	<LOQ	<LOQ	
CBGa	0.717	<LOQ	<LOQ	
CBL	0.717	<LOQ	<LOQ	
CBN	0.717	<LOQ	<LOQ	
Δ8-THC	0.717	<LOQ	<LOQ	
Δ9-THC	0.717	<LOQ	<LOQ	
THCa	0.717	<LOQ	<LOQ	
THCV	0.717	<LOQ	<LOQ	
THCVa	0.717	<LOQ	<LOQ	

1 Unit = AM-060121, 14g

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



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## 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	10	1000	<LOQ	Pass
Yeast & Mold	10	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

Not Tested

Mycotoxin	LOQ	Limit	Mass	Status

## Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	64	2000	<LOQ	Pass
Cadmium	64	820	<LOQ	Pass
Lead	64	1200	<LOQ	Pass
Mercury	64	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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