



Certificate of Analysis

Powered by Confident Cannabis

Muscle MX, LLC

Midvale, UT 84047
 mike@musclemx.com
 (801) 231-7329
 Lic. #CBD

Sample: 2007DBL0050.6477
 METRC Sample:

Strain: Activate Mini
 Ordered: 07/06/2020; Sampled: 07/08/2020; Completed: 07/23/2020

AM-051820

Topical, Salve, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

1,198.127
 mg/unit
 Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
Eucalyptol	1.778	625.094	44.650	
δ-Limonene	1.778	298.849	21.346	
α-Pinene	1.778	78.730	5.624	
p-Cymene	1.778	70.250	5.018	
β-Myrcene	1.778	27.875	1.991	
β-Pinene	1.778	19.646	1.403	
γ-Terpinene	1.778	19.293	1.378	
trans-Ocimene	0.622	16.493	1.178	
α-Terpinene	1.778	15.753	1.125	
Isopulegol	1.778	13.374	0.955	
β-Caryophyllene	1.778	6.602	0.472	
Camphene	1.778	3.847	0.275	
Linalool	1.778	2.322	0.166	
α-Bisabolol	1.778	<LOQ	<LOQ	
α-Humulene	1.778	<LOQ	<LOQ	
Caryophyllene Oxide	1.778	<LOQ	<LOQ	
cis-Nerolidol	1.156	<LOQ	<LOQ	
cis-Ocimene	1.156	<LOQ	<LOQ	
δ-3-Carene	1.778	<LOQ	<LOQ	
Guaiol	1.778	<LOQ	<LOQ	
Terpinolene	1.778	<LOQ	<LOQ	
trans-Nerolidol	0.622	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

<LOQ
 Δ9-THC + Δ8-THC

72.821 mg/unit
 CBD

Not Tested

pH: NT
 Aw: NT

72.821 mg/unit
 Total Cannabinoids

Not Tested
 Homogeneity

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
CBC	0.597	<LOQ	<LOQ	
CBCa	0.597	<LOQ	<LOQ	
CBD	0.597	72.821	5.202	
CBDa	0.597	<LOQ	<LOQ	
CBDV	0.597	<LOQ	<LOQ	
CBDVa	0.597	<LOQ	<LOQ	
CBG	0.597	<LOQ	<LOQ	
CBGa	0.597	<LOQ	<LOQ	
CBL	0.597	<LOQ	<LOQ	
CBN	0.597	<LOQ	<LOQ	
Δ8-THC	0.597	<LOQ	<LOQ	
Δ9-THC	0.597	<LOQ	<LOQ	
THCa	0.597	<LOQ	<LOQ	
THCV	0.597	<LOQ	<LOQ	
THCVa	0.597	<LOQ	<LOQ	

1 Unit = AM-051820, 14g

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



Stacy Gardalen

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 Quality Control

Glen Marquez

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 Quality Control



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Topical, Salve, CO2



Pesticides		Pass		
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
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		Pass		
Analyzed by 300.1 Plating/QPCR				
Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	10	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	10	1000	<LOQ	Pass
Coliforms	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		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	49	2000	<LOQ	Pass
Cadmium	49	820	<LOQ	Pass
Lead	49	1200	<LOQ	Pass
Mercury	49	400	<LOQ	Pass

Residual Solvents		Pass		
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	81	500	<LOQ	Pass
Ethanol	81		<LOQ	Tested
Heptanes	81	500	<LOQ	Pass
Propane	81	500	<LOQ	Pass



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