



Certificate of Analysis

Powered by Confident Cannabis

Muscle MX, LLC*

info@musclemx.com

Sample: 2106DBL0051.5920

METRC Sample:

Strain: Activate Stick

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

ACS-060321

Topical, Salve, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

5,621.096
mg/unit
Total Terpenes



Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
Eucalyptol	8.027	2842.243	37.897	
δ-Limonene	8.027	1056.318	14.084	
α-Pinene	8.027	464.640	6.195	
cis-Ocimene	5.217	256.644	3.422	
p-Cymene	8.027	255.411	3.405	
β-Pinene	8.027	243.134	3.242	
β-Myrcene	8.027	219.658	2.929	
γ-Terpinene	8.027	88.921	1.186	
α-Terpinene	8.027	69.606	0.928	
Isopulegol	8.027	54.914	0.732	
β-Caryophyllene	8.027	24.760	0.330	
Terpinolene	8.027	16.695	0.223	
Linalool	8.027	14.281	0.190	
δ-3-Carene	8.027	8.784	0.117	
trans-Ocimene	2.809	5.086	0.068	
α-Bisabolol	8.027	<LOQ	<LOQ	
α-Humulene	8.027	<LOQ	<LOQ	
Camphene	8.027	<LOQ	<LOQ	
Caryophyllene Oxide	8.027	<LOQ	<LOQ	
cis-Nerolidol	5.217	<LOQ	<LOQ	
Geraniol	8.027	<LOQ	<LOQ	
Guaiol	8.027	<LOQ	<LOQ	
trans-Nerolidol	2.809	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Not Tested

<LOQ
Δ9-THC + Δ8-THC

399.866 mg/unit
CBD

pH: NT
Aw: NT

399.866 mg/unit
Total Cannabinoids

Not Tested
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	4.337	<LOQ	<LOQ	
CBCa	4.337	<LOQ	<LOQ	
CBD	4.337	399.866	5.332	
CBDa	4.337	<LOQ	<LOQ	
CBDV	4.337	<LOQ	<LOQ	
CBDVa	4.337	<LOQ	<LOQ	
CBG	4.337	<LOQ	<LOQ	
CBGa	4.337	<LOQ	<LOQ	
CBL	4.337	<LOQ	<LOQ	
CBN	4.337	<LOQ	<LOQ	
Δ8-THC	4.337	<LOQ	<LOQ	
Δ9-THC	4.337	<LOQ	<LOQ	
THCa	4.337	<LOQ	<LOQ	
THCV	4.337	<LOQ	<LOQ	
THCVa	4.337	<LOQ	<LOQ	

1 Unit = ACS-060321, 75g

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



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

Glen Marquez
Glen Marquez
Quality Control



4439 Polaris Ave
Las Vegas, NV
(702) 728-5180

www.dblabslv.com

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ACS-060321

Topical, Salve, CO2



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	58	2000	<LOQ	Pass
Cadmium	58	820	<LOQ	Pass
Lead	58	1200	<LOQ	Pass
Mercury	58	400	187	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	68	500	<LOQ	Pass
Ethanol	68		<LOQ	Tested
Heptanes	68	500	<LOQ	Pass
Propane	68	500	<LOQ	Pass



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