



# Certificate of Analysis

Powered by Confident Cannabis

Muscle MX, LLC

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

Sample: 2005DBL0116.5356

METRC Sample:  
 Lot #: NT590919

Strain: CBD

Ordered: 05/14/2020; Sampled: 05/18/2020; Completed: 05/26/2020

## Natural 500mg

Ingestible, Tincture, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ	Mass	Mass
	mg/unit	mg/unit	mg/g
<LOQ Total Terpenes			
α-Bisabolol	1.995	<LOQ	<LOQ
α-Humulene	1.995	<LOQ	<LOQ
α-Pinene	1.995	<LOQ	<LOQ
α-Terpinene	1.995	<LOQ	<LOQ
β-Caryophyllene	1.995	<LOQ	<LOQ
β-Myrcene	1.995	<LOQ	<LOQ
β-Pinene	1.995	<LOQ	<LOQ
Camphene	1.995	<LOQ	<LOQ
Caryophyllene Oxide	1.995	<LOQ	<LOQ
cis-Nerolidol	1.297	<LOQ	<LOQ
cis-Ocimene	1.297	<LOQ	<LOQ
δ-3-Carene	1.995	<LOQ	<LOQ
δ-Limonene	1.995	<LOQ	<LOQ
Eucalyptol	1.995	<LOQ	<LOQ
γ-Terpinene	1.995	<LOQ	<LOQ
Guaiol	1.995	<LOQ	<LOQ
Isopulegol	1.995	<LOQ	<LOQ
Linalool	1.995	<LOQ	<LOQ
p-Cymene	1.995	<LOQ	<LOQ
Terpinolene	1.995	<LOQ	<LOQ
trans-Nerolidol	0.698	<LOQ	<LOQ
trans-Ocimene	0.698	<LOQ	<LOQ

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
15.035 mg/unit Δ9-THC + Δ8-THC				
447.655 mg/unit CBD				
487.813 mg/unit Total Cannabinoids				
CBC	1.749	10.969	0.366	█
CBCa	1.749	<LOQ	<LOQ	
CBD	1.749	447.655	14.922	█
CBDa	1.749	<LOQ	<LOQ	
CBDV	1.749	6.448	0.215	█
CBDVa	1.749	<LOQ	<LOQ	
CBG	1.749	4.718	0.157	█
CBGa	1.749	<LOQ	<LOQ	
CBL	1.749	<LOQ	<LOQ	
CBN	1.749	2.988	0.100	█
Δ8-THC	1.749	<LOQ	<LOQ	
Δ9-THC	1.749	15.035	0.501	█
THCa	1.749	<LOQ	<LOQ	
THCV	1.749	<LOQ	<LOQ	
THCVa	1.749	<LOQ	<LOQ	

1 Unit = Natural 500mg, 30g  
 Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD

Pass

pH: NT  
 Aw: 0.26

Not Tested  
 Homogeneity



*Stacy Gardalen*

Stacy Gardalen  
 Quality Control

*Glen Marquez*

Glen Marquez  
 Quality Control



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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	
Aerobic Bacteria	900	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	90	1000	<LOQ	Pass
Coliforms	90	1000	<LOQ	Pass
Yeast & Mold	90	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	54	2000	<LOQ	Pass
Cadmium	54	820	<LOQ	Pass
Lead	54	1200	<LOQ	Pass
Mercury	54	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	43	500	<LOQ	Pass
Ethanol	43		<LOQ	Tested
Heptanes	43	500	<LOQ	Pass
Propane	43	500	<LOQ	Pass



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