

Prepared for:

MUSCLE MX LLC498 West 8360 South
Sandy, UT USA 84070**Muscle MX Restore Mini 300mg**

Batch ID or Lot Number: LOT22073	Test, Test ID and Methods: Various	Matrix: Unit	Page 4 of 4
Reported: 09May2022	Started: 04May2022	Received: 02May2022	



Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).

Cert #4329.02
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Cannabinoids

Test ID: T000205692


Methods: TM14 (HPLC-DAD): Potency - Broad

Spectrum Analysis, 0.01% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	2.011	6.286	3.036*	0.09*	Amendment to T000205692 issued 05May2022 to correct sample fill weight.
Cannabichromenic Acid (CBCA)	1.840	5.749	ND	ND	
Cannabidiol (CBD)	5.306	16.794	349.457	10.28	
Cannabidiolic Acid (CBDA)	5.442	17.225	ND	ND	
Cannabidivarin (CBDV)	1.255	3.972	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.270	7.185	ND	ND	
Cannabigerol (CBG)	1.142	3.569	ND	ND	
Cannabigerolic Acid (CBGA)	4.774	14.919	ND	ND	
Cannabinol (CBN)	1.490	4.656	ND	ND	
Cannabinolic Acid (CBNA)	3.257	10.179	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.688	17.774	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.861	2.690	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.763	2.384	ND	ND	
Tetrahydrocannabivarin (THCV)	1.039	3.246	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	4.037	12.615	ND	ND	
Total Cannabinoids			352.493	10.37	
Total Potential THC			ND	ND	
Total Potential CBD			349.457	10.28	

Final Approval


 Ryan Weems
 09May2022
 03:52:00 PM MDT
 PREPARED BY / DATE


 Sam Smith
 09May2022
 03:55:00 PM MDT
 APPROVED BY / DATE

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MUSCLE MX LLC

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Muscle MX Restore Mini 300mg

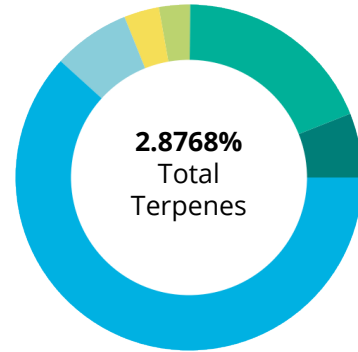
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Terpenes

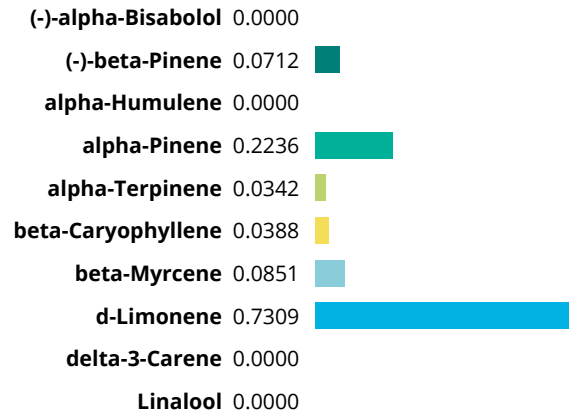
Test ID: T000205693

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0712	0.712
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.2236	2.236
alpha-Terpinene	0.0342	0.342
beta-Caryophyllene	0.0388	0.388
beta-Myrcene	0.0851	0.851
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.7309	7.309
delta-3-Carene	0.0000	0.0000
Eucalyptol	1.5157	15.157
gamma-Terpinene	0.0264	0.264
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.1509	1.509
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
2.8768	28.7680	



PREDOMINANT TERPENES



Notes

Final Approval


 Ryan Weems
 09May2022
 12:57:00 PM MDT
 PREPARED BY / DATE


 Jacob Miller
 09May2022
 12:59:00 PM MDT
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/d96cf4a3-8846-4b2d-9635-2b0031b942b9>

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \times (0.877)) and Total CBD = CBD + (CBDa \times (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa \times (0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

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