

Prepared for:
MUSCLE MX LLC

498 West 8360 South
Sandy, UT USA 84070

Muscle MX Restore Lotion 1000mg CBD

Batch ID or Lot Number: LOT22181	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 2
Reported: 18Aug2022	Started: 17Aug2022	Received: 15Aug2022	

Cannabinoids

Test ID: T000217952


Methods: TM14 (HPLC-DAD): Potency - Full Spectrum

Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	6.995	20.500	ND	ND	
Cannabichromenic Acid (CBCA)	6.398	18.751	ND	ND	
Cannabidiol (CBD)	15.604	52.907	952.824	9.93	
Cannabidiolic Acid (CBDA)	16.004	54.264	ND	ND	
Cannabidivarin (CBDV)	3.690	12.513	ND	ND	
Cannabidivarinic Acid (CBDVA)	6.676	22.636	ND	ND	
Cannabigerol (CBG)	3.972	11.639	ND	ND	
Cannabigerolic Acid (CBGA)	16.603	48.657	ND	ND	
Cannabinol (CBN)	5.181	15.185	<LOQ	0.11	
Cannabinolic Acid (CBNA)	11.328	33.197	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	19.781	57.968	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	17.964	52.646	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	15.916	46.644	ND	ND	
Tetrahydrocannabivarin (THCV)	3.613	10.587	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	14.039	41.142	ND	ND	
Total Cannabinoids			963.314	10.03	
Total Potential THC			ND	ND	
Total Potential CBD			952.824	9.93	

Final Approval


Jacob Miller
18Aug2022
01:25:00 PM MDT
PREPARED BY / DATE


Sam Smith
18Aug2022
01:27:00 PM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ad0b073f-ab35-4666-93c7-08f60dbf8c48>

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 *(0.877)) and Total CBD = CBD + (CBDa *(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 *(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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. 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](#).



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Certified Test Laboratory