

Prepared for:  
**MUSCLE MX LLC**498 West 8360 South  
Sandy, UT USA 84070**Muscle MX Bliss Gummies 50mg**

Batch ID or Lot Number: <b>BG50-0422</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 4 of 4
Reported: <b>05May2022</b>	Started: 04May2022	Received: 02May2022	



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**Cannabinoids**

Test ID: T000205688

Methods: TM14 (HPLC-DAD): Potency - Broad  
Spectrum Analysis, 0.01% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.193	0.602	ND	ND	
Cannabichromenic Acid (CBCA)	0.176	0.550	ND	ND	
Cannabidiol (CBD)	0.508	1.608	46.400	16.45	
Cannabidiolic Acid (CBDA)	0.521	1.649	ND	ND	
Cannabidivarin (CBDV)	0.120	0.380	0.279*	0.1*	
Cannabidivarinic Acid (CBDVA)	0.217	0.688	ND	ND	
Cannabigerol (CBG)	0.109	0.342	1.699	0.60	
Cannabigerolic Acid (CBGA)	0.457	1.428	ND	ND	
Cannabinol (CBN)	0.143	0.446	1.438	0.51	
Cannabinolic Acid (CBNA)	0.312	0.975	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.545	1.702	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.082	0.258	0.785	0.28	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.073	0.228	ND	ND	
Tetrahydrocannabivarin (THCV)	0.099	0.311	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.386	1.208	ND	ND	
<b>Total Cannabinoids</b>			<b>50.601</b>	<b>17.94</b>	
Total Potential THC			0.785	0.28	
Total Potential CBD			46.400	16.45	

**Final Approval**  
Karen Winternheimer  
05May2022  
01:49:00 PM MDT  
PREPARED BY / DATE  
Karen Winternheimer  
05May2022  
01:51:00 PM MDT  
APPROVED BY / DATE

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**MUSCLE MX LLC**

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**Muscle MX Bliss Gummies 50mg**

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**Terpenes**

Test ID: T000205689

Methods: TM22 (GC-MS)

	<b>%(w/w)</b>	<b>(mg/g)</b>
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0000	0.0000
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	<b>0.0000</b>	<b>0.0000</b>

**0.0000%**  
Total  
Terpenes

**PREDOMINANT TERPENES**

- (-)-alpha-Bisabolol** 0.0000
- (-)-beta-Pinene** 0.0000
- alpha-Humulene** 0.0000
- alpha-Pinene** 0.0000
- alpha-Terpinene** 0.0000
- beta-Caryophyllene** 0.0000
- beta-Myrcene** 0.0000
- d-Limonene** 0.0000
- delta-3-Carene** 0.0000
- Linalool** 0.0000

**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/aa9bedd0-68df-404c-adbf-2a8d03ea8ec2>**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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