

Prepared for:

## Muscle Mender

## Earth Pharmaceuticals

Batch ID or Lot Number: <b>0000001</b>	Test: <b>Potency</b>	Reported: <b>10/12/21</b>	Location: 10901 E Jewell Ave Aurora, CO 80012
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Matrix: Concentrate	Test ID: T000168084	Started: 10/11/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC (Colorado Panel)	Received: 10/06/2021 @ 01:50 PM	Sampler ID: N/A
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## CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.014	0.046	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.016	0.052	ND	ND	
Cannabidiolic acid (CBDA)	0.017	0.054	ND	ND	
Cannabidiol (CBD)	0.016	0.052	0.066	0.66	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.017	0.058	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.033	ND	ND	
Cannabinol (CBN)	0.005	0.015	ND	ND	
Cannabigerolic acid (CBGA)	0.015	0.048	ND	ND	
Cannabigerol (CBG)	0.003	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.041	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.022	ND	ND	
Cannabidivarin (CBDV)	0.004	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabichromene (CBC)	0.006	0.020	ND	ND	
<b>Total Cannabinoids</b>			<b>0.066</b>	<b>0.66</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			0.066	0.66	

*K Winterheimer*  
Karen Winterheimer  
12-Oct-2021  
12:06 PM

*Daniel Weidensaul*  
Daniel Weidensaul  
12-Oct-21  
12:09 PM

PREPARED BY / DATE

APPROVED BY / DATE

### Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

\*\* Total Potential THC/CBD 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)) and

Total CBD = CBD + (CBDA \*(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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.



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