

Prepared for:

CBD Livity

1885 Indian River Rd
Virginia Beach, VA USA 23456

Marley & Me Tincture

Batch ID or Lot Number: 24CL1030105	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 2
Reported: 11Jul2024	Started: 11Jul2024	Received: 10Jul2024	

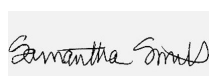
**Cannabinoids - Colorado
Compliance**

Test ID: T000286055

Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.015	0.045	ND	ND	
Cannabichromenic Acid (CBCA)	0.013	0.041	ND	ND	
Cannabidiol (CBD)	0.040	0.149	1.981	19.81	
Cannabidiolic Acid (CBDA)	0.041	0.153	ND	ND	
Cannabidivarin (CBDV)	0.009	0.035	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.017	0.064	ND	ND	
Cannabigerol (CBG)	0.008	0.025	0.066	0.66	
Cannabigerolic Acid (CBGA)	0.035	0.106	ND	ND	
Cannabinol (CBN)	0.011	0.033	ND	ND	
Cannabinolic Acid (CBNA)	0.024	0.073	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.041	0.127	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.037	0.115	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.033	0.102	ND	ND	
Tetrahydrocannabivarin (THCV)	0.008	0.023	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.029	0.090	ND	ND	
Total Cannabinoids			2.047	20.47	
Total Potential THC			ND	ND	
Total Potential CBD			1.981	19.81	

Final Approval


Sam Smith
11Jul2024
12:13:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
11Jul2024
12:14:00 PM MDT
APPROVED BY / DATE

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**Microbial
Contaminants -
Colorado Compliance**

Test ID: T000286056

Methods: TM25 (qPCR) TM24, TM26,
TM27 (Culture Plating): Microbial
(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Brett Hudson
14Jul2024
10:17:00 AM MDT



Brianne Maillot
16Jul2024
02:59:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/6df72e89-c7ba-4da3-a919-1dc7ad6ec22d>

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. 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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