

Prepared for:  
**Core Roots**  
2 S Willow St #350  
Montclair, NJ USA 07042

## 500mg FS Oil

Batch ID or Lot Number: <b>A1CR2U5</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 2
Reported: <b>17Jun2024</b>	Started: 12Jun2024	Received: 12Jun2024	

## Microbial Contaminants

Test ID: T000283139

Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

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

## Final Approval



Brett Hudson  
17Jun2024  
03:07:00 PM MDT

PREPARED BY / DATE



Brianne Maillot  
17Jun2024  
03:41:00 PM MDT

APPROVED BY / DATE

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**Core Roots**  
2 S Willow St #350  
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## Cannabinoids

Test ID: T000283138


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	2.740	10.473	10.760	0.20	Amendment to T000283138 issued 14Jun2024 to update unit weight. # of Servings = 1, Sample Weight=56g
Cannabichromenic Acid (CBCA)	2.506	9.579	ND	ND	
Cannabidiol (CBD)	10.131	27.600	578.380	10.30	
Cannabidiolic Acid (CBDA)	10.391	28.308	ND	ND	
Cannabidivarin (CBDV)	2.396	6.528	7.150	0.10	
Cannabidivarinic Acid (CBDVA)	4.335	11.809	ND	ND	
Cannabigerol (CBG)	1.555	5.946	25.060	0.40	
Cannabigerolic Acid (CBGA)	6.503	24.857	ND	ND	
Cannabinol (CBN)	2.029	7.757	ND	ND	
Cannabinolic Acid (CBNA)	4.436	16.959	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	7.747	29.613	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	7.036	26.894	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	6.233	23.828	ND	ND	
Tetrahydrocannabivarin (THCV)	1.415	5.408	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	5.498	21.018	ND	ND	
<b>Total Cannabinoids</b>			<b>621.350</b>	<b>11.00</b>	
Total Potential THC			0.000	0.00	
Total Potential CBD			578.380	10.30	

## Final Approval

 Karen Winternheimer  
18Jun2024  
12:05:00 PM MDT

PREPARED BY / DATE

 Sam Smith  
18Jun2024  
12:06:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/22e428e0-d7f9-46bd-a345-f4af25c43>

## 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: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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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