

Prepared for:
Safer Products

4900 East Pacific Place
Denver, CO USA 80222

5000mg CBD Tincture FS

Batch ID or Lot Number: 08252023	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 1
Reported: 30Aug2023	Started: 29Aug2023	Received: 25Aug2023	

Cannabinoids

Test ID: T000254391

Methods: TM14 (HPLC-DAD)

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.020	0.054	ND	ND	
Cannabichromenic Acid (CBCA)	0.018	0.049	ND	ND	
Cannabidiol (CBD)	0.067	0.164	16.850	168.50	
Cannabidiolic Acid (CBDA)	0.068	0.168	ND	ND	
Cannabidivarin (CBDV)	0.016	0.039	0.060	0.60	
Cannabidivarinic Acid (CBDVA)	0.028	0.070	ND	ND	
Cannabigerol (CBG)	0.011	0.030	0.470	4.70	
Cannabigerolic Acid (CBGA)	0.047	0.127	ND	ND	
Cannabinol (CBN)	0.015	0.040	ND	ND	
Cannabinolic Acid (CBNA)	0.032	0.087	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.056	0.152	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.051	0.138	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.045	0.122	ND	ND	
Tetrahydrocannabivarin (THCV)	0.010	0.028	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.040	0.108	ND	ND	
Total Cannabinoids			17.380	173.80	
Total Potential THC			ND	ND	
Total Potential CBD			16.850	168.50	

Final Approval


Sam Smith
30Aug2023
01:21:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
30Aug2023
01:23:00 PM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/bbd1c9a4-b5f5-410c-8d05-85593e96fea9>

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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