


Magic Marker


Batch ID or Lot Number: 00106	Test, Test ID and Methods: Various	Matrix: Plant	Page 1 of 1
Reported: 24Nov2024	Started: 22Nov2024	Received: 18Nov2024	

Cannabinoids

Test ID: T000293982 Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.017	0.050	ND	ND	Dried Sample Moisture Content = 79.18%
Cannabichromenic Acid (CBCA)	0.015	0.046	0.341	0.315 - 0.367	
Cannabidiol (CBD)	0.041	0.146	ND	ND	Measurement
Cannabidiolic Acid (CBDA)	0.042	0.150	ND	ND	Uncertainty = 7.73%
Cannabidivarin (CBDV)	0.010	0.035	ND	ND	Results generated
Cannabidivarinic Acid (CBDVA)	0.018	0.063	ND	ND	using a non-validated, non-compliant method.
Cannabigerol (CBG)	0.010	0.028	0.068	0.063 - 0.073	For informational
Cannabigerolic Acid (CBGA)	0.040	0.118	0.341	0.315 - 0.367	purposes only.
Cannabinol (CBN)	0.012	0.037	ND	ND	
Cannabinolic Acid (CBNA)	0.027	0.081	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.047	0.141	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.043	0.128	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.038	0.113	22.879	21.110 - 24.648	
Tetrahydrocannabivarin (THCV)	0.009	0.026	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.034	0.100	ND	ND	
Total Cannabinoids			23.629	21.790 - 25.468	
Total Potential THC			20.065	18.514 - 21.616	

Final Approval


Samantha Smith
24Nov2024
06:53:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
24Nov2024
06:54:00 AM MST
APPROVED BY / DATE

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](#).

