


Big Z


Batch ID or Lot Number: 00102	Test, Test ID and Methods: Various	Matrix: Plant	Page 1 of 1
Reported: 12Sep2024	Started: 11Sep2024	Received: 10Sep2024	

Cannabinoids

Test ID: T000289836 Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.023	0.071	ND	ND	Dried Sample Moisture Content = 81.51% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.021	0.065	0.461	0.425 - 0.497	
Cannabidiol (CBD)	0.066	0.169	ND	ND	
Cannabidiolic Acid (CBDA)	0.068	0.173	ND	ND	
Cannabidivarin (CBDV)	0.016	0.040	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.028	0.072	ND	ND	
Cannabigerol (CBG)	0.013	0.040	0.117	0.108 - 0.126	
Cannabigerolic Acid (CBGA)	0.054	0.168	0.760	0.701 - 0.819	
Cannabinol (CBN)	0.017	0.052	ND	ND	
Cannabinolic Acid (CBNA)	0.037	0.115	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.065	0.200	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.059	0.182	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.052	0.161	23.207	21.413 - 25.001	
Tetrahydrocannabivarin (THCV)	0.012	0.037	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.046	0.142	ND	ND	
Total Cannabinoids			24.545	22.616 - 26.474	
Total Potential THC			20.353	18.761 - 21.944	

Final Approval


 Sam Smith
 12Sep2024
 02:30:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 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](#).

