

Prepared for:
Pheno Boyz

Merlot Moon

Batch ID or Lot Number: A	Test, Test ID and Methods: Various	Matrix: Plant	Page 1 of 1
Reported: 30Aug2024	Started: 29Aug2024	Received: 28Aug2024	

Cannabinoids

Test ID: T000288961

Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.024	0.069	ND	ND	Dried Sample Moisture Content = 80.4% Measurement Uncertainty = 7.73% Results generated using a non-validated, non-compliant method.
Cannabichromenic Acid (CBCA)	0.022	0.063	0.440	0.406 - 0.474	
Cannabidiol (CBD)	0.075	0.186	ND	ND	
Cannabidiolic Acid (CBDA)	0.077	0.191	ND	ND	
Cannabidivarin (CBDV)	0.018	0.044	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.032	0.080	ND	ND	
Cannabigerol (CBG)	0.013	0.039	0.109	0.101 - 0.117	
Cannabigerolic Acid (CBGA)	0.056	0.163	0.555	0.512 - 0.598	
Cannabinol (CBN)	0.017	0.051	ND	ND	
Cannabinolic Acid (CBNA)	0.038	0.111	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.067	0.194	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.060	0.176	0.196	0.174 - 0.211	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.054	0.156	22.767	21.007 - 24.527	
Tetrahydrocannabivarin (THCV)	0.012	0.035	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.047	0.138	ND	ND	
Total Cannabinoids			23.871	21.997 - 25.745	
Total Potential THC			19.967	18.406 - 21.528	

Final Approval



 Karen Winternheimer
 30Aug2024
 12:25:00 PM MDT

PREPARED BY / DATE



 Sam Smith
 30Aug2024
 12:28:00 PM MDT

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/12cd7df9-eefc-4ed3-a46d-554071fd3f57>

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](#).


 Cert #4329.02
 12cd7df9eefc4ed3a46d554071fd3f57.1