

Prepared for:
Titan Botanicals

30 Battery Park Ave
Asheville, NC USA 28801

Cadillac Rainbow 11/05/2025

Batch ID or Lot Number: CR11052024	Test, Test ID and Methods: Various	Matrix: Plant	Page 1 of 1
Reported: 24Nov2024	Started: 22Nov2024	Received: 20Nov2024	

Cannabinoids

Test ID: T000293947

Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.015	0.045	ND	ND	Dried Sample Moisture
Cannabichromenic Acid (CBCA)	0.014	0.041	0.134	0.124 - 0.144	Content = 80.68%
Cannabidiol (CBD)	0.037	0.133	0.234	0.216 - 0.252	Measurement
Cannabidiolic Acid (CBDA)	0.038	0.136	ND	ND	Uncertainty = 7.73%
Cannabidivarin (CBDV)	0.009	0.031	ND	ND	Results generated
Cannabidivarinic Acid (CBDVA)	0.016	0.057	ND	ND	using a non-validated,
Cannabigerol (CBG)	0.009	0.026	0.102	0.094 - 0.110	non-compliant method.
Cannabigerolic Acid (CBGA)	0.036	0.107	0.598	0.552 - 0.644	For informational
Cannabinol (CBN)	0.011	0.033	ND	ND	purposes only.
Cannabinolic Acid (CBNA)	0.025	0.073	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.043	0.128	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.039	0.116	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.035	0.103	26.670	24.608 - 28.732	
Tetrahydrocannabivarin (THCV)	0.008	0.023	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.031	0.091	ND	ND	
Total Cannabinoids			27.738	25.585 - 29.891	
Total Potential THC			23.390	21.582 - 25.198	

Final Approval


Sam Smith
24Nov2025
06:53:00 AM MST

PREPARED BY / DATE


Karen Winternheimer
24Nov2025
06:54:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d361d958-d464-464c-96ad-8a317a9cf3ef>

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](#).



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