


**Rainbow Belts 3.0**


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

**Cannabinoids**

Test ID: T000289821 Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.024	0.074	ND	ND	Dried Sample Moisture Content = 78.29% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.022	0.068	0.328	0.303 - 0.353	
Cannabidiol (CBD)	0.069	0.176	ND	ND	
Cannabidiolic Acid (CBDA)	0.070	0.180	ND	ND	
Cannabidivarin (CBDV)	0.016	0.042	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.029	0.075	ND	ND	
Cannabigerol (CBG)	0.014	0.042	0.109	0.101 - 0.117	
Cannabigerolic Acid (CBGA)	0.057	0.175	1.076	0.993 - 1.159	
Cannabinol (CBN)	0.018	0.055	ND	ND	
Cannabinolic Acid (CBNA)	0.039	0.120	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.068	0.209	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.061	0.190	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.054	0.168	21.856	20.167 - 23.545	
Tetrahydrocannabivarin (THCV)	0.012	0.038	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.048	0.148	ND	ND	
<b>Total Cannabinoids</b>			<b>23.369</b>	<b>21.547 - 25.191</b>	
Total Potential THC			19.168	17.686 - 20.649	

**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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 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](#).

