

Prepared for:

Twenty One Cannabis

Private Reserve Flower 1g Exotic THCa Lemon Bars

Batch ID or Lot Number: 00105	Test, Test ID and Methods: Various	Matrix: Plant	Page 1 of 1
Reported: 23Oct2024	Started: 22Oct2024	Received: 22Oct2024	

Cannabinoids

Test ID: T000292195

Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)

	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.018	0.071	ND	ND	Dried Sample Moisture Content = 72.86% Measurement Uncertainty = 7.73% Results generated using a non-validated, non-compliant method. For informational purposes only.
Cannabichromenic Acid (CBCA)	0.017	0.065	0.658	0.607 - 0.709	
Cannabidiol (CBD)	0.057	0.174	0.223	0.206 - 0.240	
Cannabidiolic Acid (CBDA)	0.059	0.178	ND	ND	
Cannabidivarin (CBDV)	0.014	0.041	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.024	0.074	ND	ND	
Cannabigerol (CBG)	0.010	0.040	0.132	0.122 - 0.142	
Cannabigerolic Acid (CBGA)	0.044	0.169	1.946	1.796 - 2.096	
Cannabinol (CBN)	0.014	0.053	ND	ND	
Cannabinolic Acid (CBNA)	0.030	0.115	0.180	0.166 - 0.194	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.052	0.201	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.047	0.183	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.042	0.162	32.392	29.888 - 34.896	
Tetrahydrocannabivarin (THCV)	0.010	0.037	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.037	0.143	0.224	0.207 - 0.241	
Total Cannabinoids			35.755	32.991 - 38.519	
Total Potential THC			28.408	26.212 - 30.604	

Final Approval


Sam Smith
23Oct2024
11:58:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
23Oct2024
11:59:00 AM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ddd6054-5aab-4263-96fb-6026abd5970e>

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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