


Empire 54

Batch ID or Lot Number: 00102	Test: Dry Weight Potency	Reported: 12Sep2024	USDA License: NA
Matrix: Plant	Test ID: T000289835	Started: 11Sep2024	Sampler ID: NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 10Sep2024	Status: NA

Cannabinoids	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.041	0.127	ND	ND	Dried Sample Moisture Content = 75.24% Measurement Uncertainty = 7.73%
Cannabichromenic Acid (CBCA)	0.038	0.116	0.539	0.497 - 0.581	
Cannabidiol (CBD)	0.118	0.302	ND	ND	
Cannabidiolic Acid (CBDA)	0.121	0.310	ND	ND	
Cannabidivarin (CBDV)	0.028	0.071	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.050	0.129	ND	ND	
Cannabigerol (CBG)	0.023	0.072	0.095	0.088 - 0.102	
Cannabigerolic Acid (CBGA)	0.098	0.301	1.270	1.172 - 1.368	
Cannabinol (CBN)	0.030	0.094	ND	ND	
Cannabinolic Acid (CBNA)	0.067	0.205	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.116	0.359	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.106	0.326	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.093	0.288	27.530	25.402 - 29.658	
Tetrahydrocannabivarin (THCV)	0.021	0.065	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.082	0.254	ND	ND	
Total Cannabinoids			29.434	27.128 - 31.740	
Total Potential THC			24.144	22.278 - 26.010	

Final Approval


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


 Karen Winternheimer
 12Sep2024
 02:32:00 PM MDT
 APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/cd7ccee-53ae-4088-83b1-806b01577e6d>

Definitions
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
 Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. 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.

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.



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