

Prepared for:
Irie Genetics

Frequency Shift

Batch ID or Lot Number:	Test: Potency	Reported: 25Oct2023	USDA License: N/A
Matrix: Plant	Test ID: T000259587	Started: 24Oct2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 20Oct2023	Status: N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.002	0.005	ND	ND	
Cannabichromenic Acid (CBCA)	0.001	0.005	ND	ND	
Cannabidiol (CBD)	0.006	0.015	ND	ND	
Cannabidiolic Acid (CBDA)	0.006	0.015	ND	ND	
Cannabidivarin (CBDV)	0.001	0.003	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.002	0.006	ND	ND	
Cannabigerol (CBG)	0.001	0.003	ND	ND	
Cannabigerolic Acid (CBGA)	0.004	0.013	ND	ND	
Cannabinol (CBN)	0.001	0.004	ND	ND	
Cannabinolic Acid (CBNA)	0.002	0.009	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.004	0.015	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.004	0.014	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.003	0.012	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.003	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.003	0.011	ND	ND	
Total Cannabinoids			ND	ND	
Total Potential THC			ND	ND	
Total Potential CBD			ND	ND	

Final Approval



Karen Winternheimer
25Oct2023
11:34:00 AM MDT

PREPARED BY / DATE



Sam Smith
25Oct2023
11:35:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5a545eec-5091-4b71-8fe3-4943fc121a27>

Definitions

% = % (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)).

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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