

Prepared for:

Surly Brewing Co

4811 Dusharme Dr
Brooklyn Center, MN USA 55429


Surly Brewing Take Five Mixed Berry

Batch ID or Lot Number: T0031 11/9/23	Test: Potency	Reported: 10Nov2023	USDA License: N/A
Matrix: Unit	Test ID: T000261554	Started: 10Nov2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 10Nov2023	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.154	0.489	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.141	0.447	ND	ND	
Cannabidiol (CBD)	0.492	1.335	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.505	1.370	ND	ND	
Cannabidivarin (CBDV)	0.116	0.316	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.211	0.571	ND	ND	
Cannabigerol (CBG)	0.088	0.277	ND	ND	
Cannabigerolic Acid (CBGA)	0.366	1.160	ND	ND	
Cannabinol (CBN)	0.114	0.362	ND	ND	
Cannabinolic Acid (CBNA)	0.250	0.791	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.436	1.382	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.396	1.255	5.480	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.351	1.112	ND	ND	
Tetrahydrocannabivarin (THCV)	0.080	0.252	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.310	0.981	ND	ND	
Total Cannabinoids			5.480	0.00	
Total Potential THC			5.480	0.00	
Total Potential CBD			0.000	0.00	

Final Approval



Karen Winternheimer
10Nov2023
02:23:00 PM MST

PREPARED BY / DATE



Sam Smith
10Nov2023
02:24:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2a0cd54f-471e-4661-8e73-dc5d736ed05a>

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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