

Prepared for:
Surly Brewing Co
4811 Dusharme Dr
Brooklyn Center, MN USA 55429


Surly Take Five Sparkling THC Hop Water


Batch ID or Lot Number: 23145 T0009B 11:13	Test: Potency	Reported: 30May2023	USDA License: N/A
Matrix: Unit	Test ID: T000245100	Started: 26May2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 26May2023	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.165	0.532	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.151	0.487	ND	ND	
Cannabidiol (CBD)	0.419	1.313	ND	ND	
Cannabidiolic Acid (CBDA)	0.430	1.347	ND	ND	
Cannabidivarin (CBDV)	0.099	0.311	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.179	0.562	ND	ND	
Cannabigerol (CBG)	0.093	0.302	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.391	1.263	ND	ND	
Cannabinol (CBN)	0.122	0.394	ND	ND	
Cannabinolic Acid (CBNA)	0.267	0.862	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.465	1.505	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.423	1.366	7.250	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.375	1.211	ND	ND	
Tetrahydrocannabivarin (THCV)	0.085	0.275	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.330	1.068	ND	ND	
Total Cannabinoids			7.250	0.00	
Total Potential THC			7.250	0.00	
Total Potential CBD			ND	ND	

Final Approval


Sam Smith
30May2023
02:33:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
30May2023
02:35:00 PM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f38ac073-38a3-463d-8dc8-7dafbac6e508>

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 Accredited by A2LA.



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