

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


Surly Take Five Hop seltzer


Batch ID or Lot Number: T0024 23241	Test: Potency	Reported: 30Aug2023	USDA License: N/A
Matrix: Unit	Test ID: T000254730	Started: 30Aug2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 30Aug2023	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.207	0.487	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.189	0.446	ND	ND	
Cannabidiol (CBD)	0.577	1.319	ND	ND	
Cannabidiolic Acid (CBDA)	0.592	1.353	ND	ND	
Cannabidivarin (CBDV)	0.137	0.312	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.247	0.564	ND	ND	
Cannabigerol (CBG)	0.117	0.277	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.491	1.157	ND	ND	
Cannabinol (CBN)	0.153	0.361	ND	ND	
Cannabinolic Acid (CBNA)	0.335	0.789	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.585	1.378	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.531	1.252	5.540	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.471	1.109	ND	ND	
Tetrahydrocannabivarin (THCV)	0.107	0.252	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.415	0.978	ND	ND	
Total Cannabinoids			5.540	0.00	
Total Potential THC			5.540	0.00	
Total Potential CBD			ND	ND	

Final Approval


Sam Smith
30Aug2023
03:14:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
30Aug2023
03:17:00 PM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/edbe046e-8ad6-4af3-801a-ecaf156ea670>

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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