

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

## Surly Brewing Company Double Take POG THC

Batch ID or Lot Number: <b>23145 T0008</b>	Test: <b>Potency</b>	Reported: <b>30May2023</b>	USDA License: N/A
Matrix: Unit	Test ID: T000245106	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)	0.420	1.314	ND	ND	
Cannabidiolic Acid (CBDA)	0.430	1.348	ND	ND	
Cannabidivarin (CBDV)	0.099	0.311	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.180	0.562	ND	ND	
Cannabigerol (CBG)	0.094	0.302	0.330	0.00	
Cannabigerolic Acid (CBGA)	0.391	1.264	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)	0.466	1.506	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.423	1.367	12.220	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)	0.331	1.069	ND	ND	
<b>Total Cannabinoids</b>			<b>12.550</b>	<b>0.00</b>	
Total Potential THC			12.220	0.00	
Total Potential CBD			ND	ND	

### Final Approval

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

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



<https://results.botanacor.com/api/v1/coas/uuid/f7ed48cf-6022-4320-95d1-630d8d06d0cb>

**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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