

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


## Surly Brewing Double Take POG 16oz


Batch ID or Lot Number: <b>A: T0028 08:55 23285</b>	Test: <b>Potency</b>	Reported: <b>13Oct2023</b>	USDA License: N/A
Matrix: Unit	Test ID: T000258848	Started: 13Oct2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 13Oct2023	Status: N/A

### Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.171	0.600	ND	ND	# of Servings = 1, Sample Weight=460g
Cannabichromenic Acid (CBCA)	0.156	0.548	ND	ND	
Cannabidiol (CBD)	0.557	1.642	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.572	1.684	ND	ND	
Cannabidivarin (CBDV)	0.132	0.388	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.238	0.702	ND	ND	
Cannabigerol (CBG)	0.097	0.340	ND	ND	
Cannabigerolic Acid (CBGA)	0.405	1.423	ND	ND	
Cannabinol (CBN)	0.127	0.444	ND	ND	
Cannabinolic Acid (CBNA)	0.277	0.971	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.483	1.696	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.439	1.540	9.390	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.389	1.364	ND	ND	
Tetrahydrocannabivarin (THCV)	0.088	0.310	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.343	1.203	ND	ND	
<b>Total Cannabinoids</b>			<b>9.390</b>	<b>0.00</b>	
Total Potential THC			9.390	0.00	
Total Potential CBD			0.000	0.00	

### Final Approval

  
PREPARED BY / DATE  
Sam Smith  
13Oct2023  
01:10:00 PM MDT

  
APPROVED BY / DATE  
Karen Winternheimer  
13Oct2023  
01:35:00 PM MDT



<https://results.botanacor.com/api/v1/coas/uuid/d11e2f37-2ced-49ca-9a3e-85a0f5ce1829>

**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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