

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

## Surly Double Take THC Tonic POG

Batch ID or Lot Number: <b>T0027 23264 08:45</b>	Test: <b>Potency</b>	Reported: <b>22Sep2023</b>	USDA License: N/A
Matrix: Unit	Test ID: T000257010	Started: 21Sep2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 22Sep2023	Status: N/A

### Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.156	0.515	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.142	0.471	ND	ND	
Cannabidiol (CBD)	0.536	1.325	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.549	1.359	ND	ND	
Cannabidivarin (CBDV)	0.127	0.313	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.229	0.567	ND	ND	
Cannabigerol (CBG)	0.088	0.292	ND	ND	
Cannabigerolic Acid (CBGA)	0.370	1.222	ND	ND	
Cannabinol (CBN)	0.115	0.381	ND	ND	
Cannabinolic Acid (CBNA)	0.252	0.834	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.441	1.456	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.400	1.323	10.730	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.354	1.172	ND	ND	
Tetrahydrocannabivarin (THCV)	0.080	0.266	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.313	1.034	ND	ND	
<b>Total Cannabinoids</b>			<b>10.730</b>	<b>0.00</b>	
Total Potential THC			10.730	0.00	
Total Potential CBD			0.000	0.00	

### Final Approval



Karen Winternheimer  
22Sep2023  
02:45:00 PM MDT

PREPARED BY / DATE



Sam Smith  
22Sep2023  
02:46:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5e67999a-e223-4848-8681-24e114acfa37>

**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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