

## CERTIFICATE OF ANALYSIS

Prepared for:

## **Surly Brewing Co**

4811 Dusharme Dr Brooklyn Center, MN USA 55429

## **Take Five Lime BBT10**

Batch ID or Lot Number: T0022 Potency	Test: <b>Potency</b>	Reported: <b>04Aug2023</b>	USDA License: N/A		
Matrix: Unit	Test ID: T000251691	Started: 03Aug2023	Sampler ID: N/A		
	Method(s): TM14 (HPLC-DAD)	Received: 04Aug2023	Status: N/A		

Cannabinoids	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes	
Cannabichromene (CBC)	0.141	0.490	ND	ND ND	# of Servings = 1, Sample	
Cannabichromenic Acid (CBCA)	0.129	0.448	ND			
Cannabidiol (CBD)	0.477	1.308	<loq< td=""><td><loq< td=""><td>Weight=355g</td></loq<></td></loq<>	<loq< td=""><td>Weight=355g</td></loq<>	Weight=355g	
Cannabidiolic Acid (CBDA)	0.490	1.341	ND	ND		
Cannabidivarin (CBDV)	0.113	0.309	ND	ND	ND ND	
Cannabidivarinic Acid (CBDVA)	0.204	0.560	ND	ND		
Cannabigerol (CBG)	0.080	0.278	ND	ND		
Cannabigerolic Acid (CBGA)	0.335	1.163	ND	ND		
Cannabinol (CBN)	0.105	0.363	ND	ND		
Cannabinolic Acid (CBNA)	0.229	0.793	ND	ND	ND ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.399	1.386	ND	ND		
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.363	1.258	5.100	0.00		
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.321	1.115	ND	ND		
Tetrahydrocannabivarin (THCV)	0.073	0.253	ND	ND		
Tetrahydrocannabivarinic Acid (THCVA)	0.284	0.983	ND	ND		
Total Cannabinoids			5.100	0.00		
Total Potential THC			5.100	0.00		
Total Potential CBD			0.000	0.00		

**Final Approval** 

L Wintersheimer PREPARED BY / DATE Karen Winternheimer 04Aug2023 04:14:00 PM MDT

Somantha mod

APPROVED BY / DATE

Sam Smith 04Aug2023 04:16:00 PM MDT



https://results.botanacor.com/api/v1/coas/uuid/3714be4c-e0a3-4072-ac11-732364bbd090

## 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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