SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

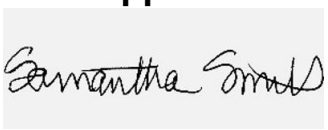
Surly Double Take POG

Batch ID or Lot Number:	Test:	Reported:	USDA License:
T0023 23229 11:21	**Potency**	**18Aug2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000253494	18Aug2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	18Aug2023	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.244	0.513	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.223	0.469	ND	ND	
Cannabidiol (CBD)	0.634	1.372	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.650	1.408	ND	ND	
Cannabidivarin (CBDV)	0.150	0.325	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.271	0.587	ND	ND	
Cannabigerol (CBG)	0.139	0.291	ND	ND	
Cannabigerolic Acid (CBGA)	0.579	1.218	ND	ND	
Cannabinol (CBN)	0.181	0.380	ND	ND	
Cannabinolic Acid (CBNA)	0.395	0.831	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.690	1.451	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.627	1.317	10.840	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.556	1.167	ND	ND	
Tetrahydrocannabivarin (THCV)	0.126	0.265	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.490	1.030	ND	ND	
Total Cannabinoids			**10.840**	**0.00**	
Total Potential THC			10.840	0.00	
Total Potential CBD			0.000	0.00	

Final Approval



Sam Smith
18Aug2023
02:34:00 PM MDT

PREPARED BY / DATE

Karen Winternheimer
18Aug2023
02:39:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/091d3284-d3a7-404e-bbd4-2c7f82a5e79c

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)).

Cert #4329.02
091d3284d3a7404ebbd42c7f82a5e79c.1