

Prepared for:  
**Lupulin Brewing Company**  
570 Humboldt Drive, Ste. 107  
Big Lake, MN USA 55309


## Smazey


Batch ID or Lot Number: <b>FV14-2</b>	Test: <b>Potency</b>	Reported: <b>13Mar2023</b>	USDA License: N/A
Matrix: Unit	Test ID: T000238341	Started: 13Mar2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 13Mar2023	Status: N/A

## Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.198	0.619	ND	ND	# of Servings = 1, Sample Weight=473g
Cannabichromenic Acid (CBCA)	0.181	0.566	ND	ND	
Cannabidiol (CBD)	0.663	1.851	ND	ND	
Cannabidiolic Acid (CBDA)	0.680	1.898	ND	ND	
Cannabidivarin (CBDV)	0.157	0.438	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.284	0.792	ND	ND	
Cannabigerol (CBG)	0.112	0.352	ND	ND	
Cannabigerolic Acid (CBGA)	0.469	1.470	ND	ND	
Cannabinol (CBN)	0.146	0.459	ND	ND	
Cannabinolic Acid (CBNA)	0.320	1.003	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.559	1.751	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.507	1.590	11.040	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.450	1.409	ND	ND	
Tetrahydrocannabivarin (THCV)	0.102	0.320	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.396	1.243	ND	ND	
<b>Total Cannabinoids</b>			<b>11.040</b>	<b>0.00</b>	
Total Potential THC			11.040	0.00	
Total Potential CBD			ND	ND	

## Final Approval

  
PREPARED BY / DATE  
Sam Smith  
13Mar2023  
02:18:00 PM MDT

  
APPROVED BY / DATE  
Karen Winternheimer  
13Mar2023  
02:21:00 PM MDT



<https://results.botanacor.com/api/v1/coas/uuid/1413e486-8aa2-4fa5-8248-bcf6637461ac>

**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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