

## CERTIFICATE OF ANALYSIS

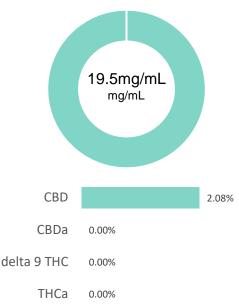
prepared for: NATIONAL TOBACCO COMPANY

5201 INTERCHANGE WAY LOUISVILLE, KY 40229

Nu-X CBD Peppermint 250mg 16.5mL Tincture

Batch ID:	BC351-018	Test ID:	2559889.0060
Reported:	27-Dec-2019	Method:	TM14
Туре:	Solution		
Test:	Potency		

## CANNABINOID PROFILE



THCa 0.	.00%
% = % (w/w) = Percent (Weight of Ar	nalyte / Weight of Product)
,,	he absolute sum of all cannabinoids detected

<sup>\*\*</sup> Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step

Total THC = THC + (THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877))

Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.07	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.04	0.00	0.0
Cannabidiolic acid (CBDA)	0.09	0.00	0.0
Cannabidiol (CBD)	0.05	19.50	20.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.04	0.00	0.0
Cannabinolic Acid (CBNA)	0.10	0.00	0.0
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.06	0.00	0.0
Cannabigerol (CBG)	0.04	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.06	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.03	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.09	0.00	0.0
Cannabidivarin (CBDV)	0.05	0.30	0.3
Cannabichromenic Acid (CBCA)	0.05	0.00	0.0
Cannabichromene (CBC)	0.06	0.00	0.0
Total Cannabinoids	19.80	21.06	
Total Potential THC**	0.00	0.00	
Total Potential CBD**	19.50	20.77	

NOTES:

Density = 0.93684g/mL

N/A

## FINAL APPROVAL

Michelle Gagnon 27-Dec-2019 2:48 PM

Greg Zimpfer 27-Dec-2019 2:52 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



