

## **CERTIFICATE OF ANALYSIS**

prepared for: NATIONAL TOBACCO COMPANY

5201 INTERCHANGE WAY LOUISVILLE, KY 40229

Pangea Pure Kush-Nu-X

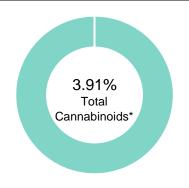
**Batch ID:** 042219-01-04-A **Test ID:** 7598219.0024

Reported: 24-Apr-2019 Method: TM14

Type: Concentrate

Test: Potency

## **CANNABINOID PROFILE**



CBD

CBDa 0.00%

delta 9 THC 0.00%

THCa 0.00%

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

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A	0.20	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	0.00	0.0
Cannabidiolic acid (CBDA)	0.23	0.00	0.0
Cannabidiol (CBD)	0.13	3.75	37.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	0.00	0.0
Cannabinolic Acid (CBNA)	0.28	0.00	0.0
Cannabinol (CBN)	0.12	0.00	0.0
Cannabigerolic acid (CBGA)	0.18	0.00	0.0
Cannabigerol (CBG)	0.10	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.18	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.09	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.21	0.00	0.0
Cannabidivarin (CBDV)	0.11	0.16	1.6
3.75% Cannabichromenic Acid (CBCA)	0.15	0.00	0.0
Cannabichromene (CBC)	0.18	0.00	0.0
Total Cannabinoids		3.91	39.10
Total Potential THC**		0.00	0.00
Total Potential CBD**		3.75	37.50

NOTES:

N/A

## FINAL APPROVAL



Karen Winternheimer 24-Apr-2019 4:29 PM

Sumbre

David Green 24-Apr-2019 4:31 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





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<sup>% = % (</sup>w/w) = Percent (Weight of Analyte / Weight of Product)

 $<sup>^{\</sup>star}$  Total Cannabinoids result reflects the 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.