Certificate of Analysis

Company: Formulation Station

Sample ID: Northen Craft Cannabis Tritoon Vape Cartridge

Lot: MANU003523NCCDISTTRI71 **Report Date:** 10/19/2023

Matrix: Concentrate **Date Analyzed:** 10/18/2023

Customer ID: 190830-15 **Date Sampled:** N/A **Analyst:** 011

Grower License #: MANU0035 **Date Received:** 10/12/2023 **Report ID:** C231012AZ

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	76.37	7.64
CBD	0.0019	3.57	0.36
THCV	0.0021	28.06	2.81
CBN	0.0013	6.93	0.69
Δ9-THC	0.0020	769.97	77.00
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	<LOQ	<LOQ
Total THC		769.97	77.00
Total CBD		3.57	0.36
Total Cannabinoids		884.90	88.49

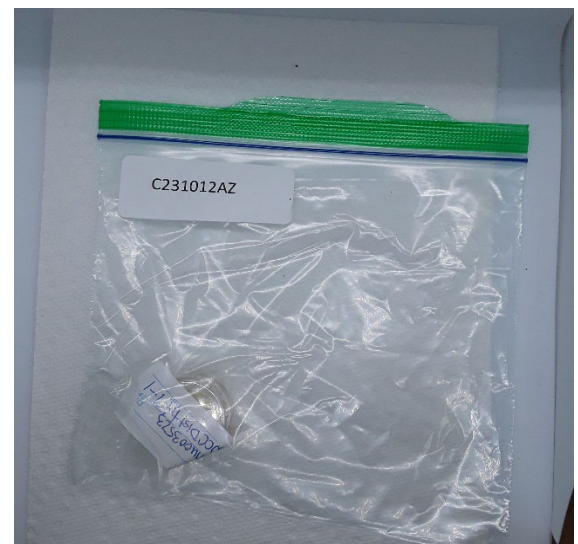|	
77% Total THC	**0.36%** Total CBD
88.49% Total Cannabinoids	**77%** Δ9-THC
N/A Percent Moisture	**1 : 0** THC : CBD Ratio

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
Total THC = (THCA x 0.877) + Δ9-THC   Total CBD = (CBDA x 0.877) + CBD
Ratio of Total CBD: Total THC   Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
Δ9-THC MU = ±0.005%   Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Certified by: _Luke E. M_

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)