

## Certificate of Analysis

**Company:** Formulation Station

**Sample ID:** Northern Craft Cannabis Red Delicious Tincture 1000mg

**Lot:** MANU003523NCCTINCRD10001    **Report Date:** 10/19/2023

**Matrix:** Oil

**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:** C231012AY

### 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	1.03	0.10
CBD	0.0019	0.23	0.02
THCV	0.0021	0.93	0.09
CBN	0.0013	0.89	0.09
Δ9-THC	0.0020	30.47	3.05
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	0.85	0.09
CBC	0.0024	0.66	0.07
<b>Total THC</b>		31.22	3.12
<b>Total CBD</b>		0.23	0.02
<b>Total Cannabinoids</b>		35.06	3.51

3.12%

**Total THC**

0.02%

**Total CBD**

3.51%

**Total Cannabinoids**

3.05%

**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.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: *Luke E. M.*  
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

## Summary of Results

# Northern Craft Cannabis Red Delicious Tincture 1000mg

Prepared for Formulation Station

### MANUFACTURER INFO

Formulation Station  
 LOT NUMBER  
 MANU003523NCCTINCRD10001  
 SERVING SIZE  
 28g  
 MATRIX  
 Oil

### DATE RECEIVED

10/12/2023  
 DATE ANALYZED  
 10/18/2023  
 REPORT DATE  
 10/19/2023  
 ORIGINAL REPORT ID  
 C231012AY

## TOTAL CANNABINOIDS

981.68 mg  
 per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	0.66	0.07
CBD	0.23	0.02
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	1.03	0.10
CBGA	Not Detected	Not Detected
CBN	0.89	0.09
THC-A	0.85	0.09
THCV	0.93	0.09
Δ8-THC	Not Detected	Not Detected
Δ9-THC	30.47	3.05
Total CBD	0.23	0.02
Total THC	31.22	3.12
Total Cannabinoids	35.06	3.51

### TOTAL THC

874.2 mg  
 per serving

### TOTAL CBD

6.45 mg  
 per serving



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

Total CBD and total THC are calculated values.

Not Detected = 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).

\*This is not an official Certificate of Analysis\*

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