

## 900mg 1:1 Oil Tincture

**Sample ID:** BIA251218S0445  
**Strain:** MANU0027-OT0061  
**Harvest Lot:**  
**Matrix:** Ingestible  
**Type:** Tincture  
**Sample Size:** 2 units  
**Lot#:**

**Produced:**  
**Collected:**  
**Received:** 12/18/2025  
**Completed:** 12/22/2025  
**Batch#:**

**Client:**  
**Northeast Kingdom Hemp**  
**Lic. #**  
 Barton, VT 05822



### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/19/2025	Complete

### Cannabinoids

Container Size 30mL; Density - 0.951g/mL Completed

**3.76 mg/serving**  
 Total THC

**3.61 mg/serving**  
 Total CBD

**7.76 mg/serving**  
 Total Cannabinoids

Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass
	mg/g	%	mg/g	mg/serving	mg/container		mg/g	%	mg/g	mg/serving	mg/container
CBDVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBCVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ
CBDV	0.0003	0.011	0.11	0.03	3.15	CBNa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ
CBDa	0.0005	0.024	0.24	0.06	6.97	Δ9-THC	0.0005	1.581	15.81	3.76	450.96
CBGa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	Δ8-THC	0.0003	<LOQ	<LOQ	<LOQ	<LOQ
CBG	0.0005	0.062	0.62	0.15	17.75	Δ10-THC*	0.0002	<LOQ	<LOQ	<LOQ	<LOQ
CBD	0.0005	1.496	14.96	3.56	426.75	CBL	0.0005	<LOQ	<LOQ	<LOQ	<LOQ
THCV	0.0003	0.017	0.17	0.04	4.90	CBC	0.0003	0.075	0.75	0.18	21.29
CBLV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	THCa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ
CBCV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBCa	0.0006	<LOQ	<LOQ	<LOQ	<LOQ
THCVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBLa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ
CBN	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	<b>Total THC</b>		<b>1.58</b>	<b>15.81</b>	<b>3.76</b>	<b>450.96</b>
						<b>Total CBD</b>		<b>1.52</b>	<b>15.17</b>	<b>3.61</b>	<b>432.86</b>
						<b>Total</b>		<b>3.27</b>	<b>32.66</b>	<b>7.76</b>	<b>931.79</b>

Analyst: 056

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: &lt; 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 (&lt;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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

\*The result is the sum of delta-10 isomers.




Luke Emerson-Mason  
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 12/22/2025

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