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# Certificate of Analysis

**Client Name:** Vermont Cannabis Apothecary  
**License Number:** MANU0014

**Sample ID:** VT8374  
**Sample Name:** 500mg Oil Infusion  
**Sample Lot:** MANU0014-500THC-01-01092024  
**Sample Matrix:** Tinctures  
**Date Received:** 3/15/2024  
**Date Reported:** 3/22/2024  
**Date Tested:** 3/21/2024



Total Cannabinoids				
	%	mg/g	mg/mL	mg/unit
<b>Total THC:</b>	<b>1.706</b>	<b>17.060</b>	<b>15.806</b>	<b>474.180</b>
<b>Total CBD:</b>	--	--	--	<b>0.000</b>
<b>Total Cannabinoids:</b>	<b>1.856</b>	<b>18.560</b>	<b>17.195</b>	<b>515.850</b>
<b>Unit Volume (mL): 30</b>				

**Total theoretical CBD % = (CBD%) + (CBDA% \* 0.877)**  
**Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)**

## Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #24819

Analyte	%	mg/g	mg/mL	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	0.0419	0.419	0.388	11.64	0.0003	0.0040
CBCA	ND	ND	ND	ND	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	<LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	0.0856	0.856	0.793	23.79	0.0009	0.0040
CBGA	ND	ND	ND	ND	0.0001	0.0040
CBN	< LOQ	< LOQ	< LOQ	<LOQ	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	<LOQ	0.0012	0.0040
D9 THC	1.706	17.06	15.806	474.18	0.0016	0.0049
D10 THC	0.0225	0.225	0.208	6.24	0.0004	0.0040
THCA	< LOQ	< LOQ	< LOQ	<LOQ	0.0002	0.0040
THCV	< LOQ	< LOQ	< LOQ	<LOQ	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

Callie Chapman  
 Lab Director  
 3/22/2024

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