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Certificate of Analysis

Client Name: Vermont Cannabis Apothecary

License Number: MANU0014

Sample ID: VT496

Sample Name: 500 mg THC Tincture Sample Lot: VCATHC50011623

Sample Matrix: Tinctures **Date Received: 1/17/2023 Date Reported: 1/22/2023**



Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-VT) | Test ID: #937

Analyte	%	mg/g	mg/mL	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	0.0001	0.0040
THCV	0.0216	0.216	0.198	0.0016	0.0049
CBDA	ND	ND	ND	0.0002	0.0040
CBD	0.0393	0.393	0.361	0.0008	0.0040
CBG	0.0733	0.733	0.674	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
THCVA	ND	ND	ND	0.0002	0.0040
CBN	0.0255	0.255	0.234	0.0004	0.0040
CBCVA	ND	ND	ND	0.0004	0.0040
D9 THC	1.6476	16.476	15.14	0.0016	0.0049
D8 THC	0.0183	0.183	0.168	0.0012	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D10 THC	0.1307	1.307	1.201	0.0004	0.0040
CBC	ND	ND	ND	0.0003	0.0040
THCA	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBCA	ND	ND	ND	0.0002	0.0040

Total Cannabinoids						
	%	mg/g	mg/mL			
Total THC:	1.648	16.476	15.140			
Total Cannabinoids:	1.956	19.563	17.976			

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

Callie Chapman Lab Director 1/22/2023



