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# Certificate of Analysis

**Client Name:** Green Mountain Scientific Corp.  
**License Number:** MANU0019

**Sample ID:** OA1290  
**Sample Name:** Forbin's Finest Calm  
**Sample Lot:** 60028-001  
**Sample Matrix:** Tinctures  
**Date Received:** 4/10/2023  
**Date Reported:** 4/13/2023



## Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #2366

Analyte	%	mg/g	mg/mL	LOD (mg/g)	LOQ (mg/g)
CBDV	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	0.092	0.92	0.855	0.0001	0.0040
THCV	ND	ND	ND	0.0016	0.0049
CBDA	ND	ND	ND	0.0002	0.0040
CBD	0.5551	5.551	5.161	0.0008	0.0040
CBG	0.0297	0.297	0.276	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
THCVA	ND	ND	ND	0.0002	0.0040
CBN	< LOQ	< LOQ	< LOQ	0.0004	0.0040
CBCVA	ND	ND	ND	0.0004	0.0040
D9 THC	0.6307	6.307	5.864	0.0016	0.0049
D8 THC	ND	ND	ND	0.0012	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D10 THC	0.032	0.32	0.298	0.0004	0.0040
CBC	0.0164	0.164	0.152	0.0003	0.0040
THCA	ND	ND	ND	0.0002	0.0040
CBCA	ND	ND	ND	0.0002	0.0040

Total Cannabinoids			
	%	mg/g	mg/mL
Total THC:	0.631	6.307	5.864
Total Cannabinoids:	1.356	13.559	12.606

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

Callie Chapman  
 Lab Director  
 4/13/2023



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