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# Certificate of Analysis

**Client Name:** Freedom Flower  
**License Number:** MANU-0032

**Sample ID:** VT980  
**Sample Name:** Canna-Refresher Seltzer 5mg Cardamom Ginger #1  
**Sample Lot:** 022823  
**Sample Matrix:** Beverages  
**Date Received:** 3/1/2023  
**Date Reported:** 3/4/2023  
**Package Volume:** 350 mL



## Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-VT) | Test ID: #1778

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	ND	ND	ND	0.0016	0.0049
CBDA	ND	ND	ND	0.0002	0.0040
CBD	ND	ND	ND	0.0008	0.0040
CBG	ND	ND	ND	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
THCVA	ND	ND	ND	0.0002	0.0040
CBN	ND	ND	ND	0.0004	0.0040
CBCVA	ND	ND	ND	0.0004	0.0040
D9 THC	0.0015	0.015	0.015	0.0016	0.0049
D8 THC	ND	ND	ND	0.0012	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D10 THC	ND	ND	ND	0.0004	0.0040
CBC	ND	ND	ND	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:	0.002	0.015	0.015
Total Cannabinoids:	0.002	0.015	0.015
Unit Weight (g): 357.56			

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

Callie Chapman  
 Lab Director  
 3/4/2023



In performing the services, Steep Hill Vermont Labs, ("SHVT") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require SHVT to make judgements based upon limited data rather than upon scientific certainties; (b) SHVT's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) SHVT renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with SHVT's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by SHVT or other parties), and reliance upon any SHVT report

