

261 Mountain View Dr Colchester, VT 05446 License #: TLAB0030 802-767-7256 info@onwardanalytics.biz

## **Certificate of Analysis**

Client Name: Green Mountain Scientific Corp.

License Number: MANU0019

Date Tested: 10/25/2024

Sample ID: VT14481

Sample ID: V114481
Sample Name: Snufflebudagus
Sample Lot: HL-0054240103
Sample Matrix: Flower
Date Received: 10/23/2024
Date Reported: 10/30/2024



Total Cannabinoids						
	%	mg/g				
Total THC:	27.603	276.031				
Total CBD:						
Total Cannabinoids:	33.468	334.682				

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-024-0A) | Test ID: #45418

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.7469	7.469	0.6689	6.689	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	0.3112	3.112	0.2787	2.787	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.7946	7.946	0.7116	7.116	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	0.4631	4.631	0.4147	4.147	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	2.2962	22.962	2.0564	20.564	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	28.8562	288.562	25.8436	258.436	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

## Moisture & Water Activity

**PASS** 

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test |D: #45700

Analyte	Result (%)	Limit	Pass/Fail	
Moisture Water Activity	10.44 0.47	13.00 0.65	PASS	

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Callie Chapman Lab Director 10/30/2024

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