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

Certificate of Analysis

Client Name: Vermont Home Grow
License Number: SCLT0312

Sample ID: VT7362
Sample Name: Mimosa Cake
Sample Lot: HL-SCLT0312-5
Sample Matrix: Flower
Date Received: 2/8/2024
Date Reported: 2/16/2024
Date Tested: 2/12/2024

Total Cannabinoids

	%	mg/g
Total THC:	**13.777**	**137.768**
Total CBD:	**--**	**--**
Total Cannabinoids:	**16.139**	**161.394**

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: #21700

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	ND	ND	ND	ND	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	ND	ND	ND	ND	0.0009	0.0040
CBGA	0.4827	4.827	0.4405	4.405	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.3728	3.728	0.3402	3.402	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	15.2839	152.839	13.9497	139.497	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #21701

Analyte	Result (%)	Limit	Pass/Fail
Moisture	8.73	13.00	
Water Activity	0.31	0.65	PASS

Callie Chapman
Lab Director
2/16/2024

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Certificate of Analysis

Client Name: Vermont Home Grow
License Number: SCLT0312

Sample ID: VT7362
Sample Name: Mimosa Cake
Sample Lot: HL-SCLT0312-5
Sample Matrix: Flower
Date Received: 2/8/2024
Date Reported: 2/16/2024
Date Tested: 2/12/2024

Total Terpenes (%) : 1.6405

Dominant Terpenes (%)	
Limonene	**0.3603**
beta-caryophyllene	**0.3314**
Myrcene	**0.3043**
Guaiol	**0.2036**
Ocimene	**0.0978**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #21702

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.0169	0.169	0.000003	0.002
alpha-Humulene	0.086	0.86	0.000002	0.002
alpha-Pinene	0.0539	0.539	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	ND	ND	0.000004	0.002
beta-caryophyllene	0.3314	3.314	0.000004	0.002
beta-Pinene	0.0596	0.596	0.000002	0.002
Camphene	< LOQ	< LOQ	0.000001	0.002
Caryophyllene Oxide	0.0403	0.403	0.000011	0.002
Eucalyptol	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	ND	ND	0.000008	0.002
Guaiol	0.2036	2.036	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.3603	3.603	0.000002	0.002
Linalool	0.0567	0.567	0.000003	0.002
Nerolidol	0.0297	0.297	0.000007	0.002
Myrcene	0.3043	3.043	0.000003	0.002
Ocimene	0.0978	0.978	0.000002	0.002
Total Terpenes	**1.6405**	**16.405**		

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Lab Director
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