



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

Certificate of Analysis



Client Name: Rhize Cannabis Company

License Number: SCLT0295 MANU0065



Sample ID: VT23025

Sample Name: GMO Flower

Sample Lot: HL-20

Sample Matrix: Flower

Date Received: 7/31/2025

Date Reported: 8/4/2025

Date Tested: 8/1/2025



Total Cannabinoids

	%	mg/g
Total THC:	31.321	313.212
Total CBD:	--	--
Total Cannabinoids:	37.969	379.689

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: #75440

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.3424	3.424	0.3027	3.027	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.9125	19.125	1.6907	16.907	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	ND	ND	ND	ND	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	35.714	357.14	31.5712	315.712	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 ID: #75441

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.60	13.00	PASS
Water Activity	0.52	0.65	

Callie Chapman

Callie Chapman
Lab Director
8/4/2025

Rev. 1 Initial Release

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Sample ID: VT23025
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Sample Lot: HL-20
Sample Matrix: Flower
Date Received: 7/31/2025
Date Reported: 8/6/2025
Date Tested: 8/1/2025



Total Terpenes (%) : 2.6259

Dominant Terpenes (%)

Myrcene	1.2114
Limonene	0.4743
beta-caryophyllene	0.4074
alpha-Humulene	0.1678
alpha-Bisabolol	0.0945

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #75442

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0945	0.945	0.000003	0.001
alpha-Humulene	0.1678	1.678	0.000002	0.001
alpha-Pinene	0.0475	0.475	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0156	0.156	0.000004	0.001
beta-caryophyllene	0.4074	4.074	0.000004	0.001
beta-Pinene	0.0825	0.825	0.000002	0.001
Camphene	0.0134	0.134	0.000001	0.001
Caryophyllene Oxide	0.0163	0.163	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	ND	ND	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.4743	4.743	0.000002	0.001
Linalool	0.0578	0.578	0.000003	0.001
Nerolidol	0.0374	0.374	0.000007	0.001
Myrcene	1.2114	12.114	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	2.6259	26.259		

Callie Chapman

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Lab Director
8/6/2025

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Date Tested: 7/31/2025



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #75443

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS



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Client Name: Rhize Cannabis Company

License Number: SCLT0295 MANU0065



Sample ID: VT23026

Sample Name: Combined Pesticides; BM, HB, MS, GMO, MP

Sample Lot: HL-20

Sample Matrix: Flower

Date Received: 7/31/2025

Date Reported: 8/6/2025

Date Tested: 7/31/2025



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #75444

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	ND	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022	0.00072
				0.00498 *	0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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