



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

Certificate of Analysis



Client Name: Terrapin Gardens

License Number: SCLT0373



Sample ID: 20260909-36266

Sample Name: Swamp Magic

Sample Lot: 373-430-02

Sample Matrix: Flower

Date Received: 9/9/2026

Date Reported: 9/15/2026

Date Tested: 9/14/2026



Total Cannabinoids

	%	mg/g
Total THC:	24.997	249.970
Total CBD:	--	--
Total Cannabinoids:	30.751	307.514

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-102-OA) | Test ID: #119478

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	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	2.249	22.486	1.955	19.554	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	28.503	285.028	24.786	247.860	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

* Measurements of uncertainty available on request

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-120-OA) | Test ID: #119479

Analyte	Result (%)	Limit	Pass/Fail
Moisture	13.04	13.00	
Water Activity	0.59	0.65	PASS

Callie Chapman

Callie Chapman
Lab Director
9/15/2026

Rev. 1 Initial Release

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Client Name: Terrapin Gardens

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Sample ID: 20260909-36268

Sample Name: Swamp Magic

Sample Lot: 373-430-02

Sample Matrix: Flower

Date Received: 9/9/2026

Date Reported: 9/15/2026

Date Tested: 9/14/2026



Total Terpenes (%) : 1.6077

Dominant Terpenes (%)

Limonene	0.4946
beta-caryophyllene	0.2259
Linalool	0.1817
beta-Pinene	0.1155
Myrcene	0.1108

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-020-OA) | Test ID: #119483

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0818	0.818	0.000003	0.001
alpha-Humulene	0.0863	0.863	0.000002	0.001
alpha-Pinene	0.0783	0.783	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0399	0.399	0.000004	0.001
beta-caryophyllene	0.2259	2.259	0.000004	0.001
beta-Pinene	0.1155	1.155	0.000002	0.001
Camphene	0.0367	0.367	0.000001	0.001
Caryophyllene Oxide	0.0229	0.229	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	0.099	0.99	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.4946	4.946	0.000002	0.001
Linalool	0.1817	1.817	0.000003	0.001
Nerolidol	0.0343	0.343	0.000007	0.001
Myrcene	0.1108	1.108	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	1.6077	16.077		

Callie Chapman

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Lab Director
9/15/2026

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Sample ID: 20260909-36268

Sample Name: Swamp Magic

Sample Lot: 373-430-02

Sample Matrix: Flower

Date Received: 9/9/2026

Date Reported: 9/15/2026

Date Tested: 9/11/2026



Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #119484

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

ONWARD
ANALYTICS

Callie Chapman

Callie Chapman
Lab Director
9/15/2026

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Client Name: Terrapin Gardens

License Number: SCLT0373



Sample ID: 20260909-36269

Sample Name: HL: DAV2, SM

Sample Lot: 373-430

Sample Matrix: Flower

Date Received: 9/9/2026

Date Reported: 9/15/2026

Date Tested: 9/11/2026



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-009-OA) - **Limit units: ppm** | Test ID: #119486

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	0.00864 0.01428 *	0.02618 0.04327 *

* Pyrethrins action limit represents sum of isomers I & II

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