



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:** VT13190  
**Sample Name:** Chem N' Juice  
**Sample Lot:** SLCT-0373-373421  
**Sample Matrix:** Flower  
**Date Received:** 9/11/2024  
**Date Reported:** 9/18/2024  
**Date Tested:** 9/13/2024



Total Cannabinoids		
	%	mg/g
<b>Total THC:</b>	<b>15.554</b>	<b>155.545</b>
<b>Total CBD:</b>	<b>--</b>	<b>--</b>
<b>Total Cannabinoids:</b>	<b>17.306</b>	<b>173.060</b>

**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: #40263

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	< LOQ	< LOQ	< LOQ	< LOQ	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	3.0658	30.658	2.6571	26.571	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	14.2402	142.402	12.342	123.42	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: #40264

Analyte	Result (%)	Limit	Pass/Fail
Moisture	13.33	13.00	
Water Activity	0.60	0.65	PASS

*Callie Chapman*

Callie Chapman  
 Lab Director  
 9/18/2024

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# Certificate of Analysis

**Client Name:** Terrapin Gardens  
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**Sample ID:** VT12851  
**Sample Name:** Chem n' Juice  
**Sample Lot:** 373421  
**Sample Matrix:** Flower  
**Date Received:** 9/3/2024  
**Date Reported:** 9/10/2024  
**Date Tested:** 9/4/2024



**Total Terpenes (%) : 3.2499**

Dominant Terpenes (%)	
Myrcene	2.1263
Ocimene	0.4624
Limonene	0.3114
beta-caryophyllene	0.1014
Guaiol	0.0785

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #39304

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0224	0.224	0.000003	0.001
alpha-Humulene	0.0335	0.335	0.000002	0.001
alpha-Pinene	0.0232	0.232	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0028	0.028	0.000004	0.001
beta-caryophyllene	0.1014	1.014	0.000004	0.001
beta-Pinene	0.0377	0.377	0.000002	0.001
Camphene	0.0045	0.045	0.000001	0.001
Caryophyllene Oxide	0.0046	0.046	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	0.0785	0.785	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.3114	3.114	0.000002	0.001
Linalool	ND	ND	0.000003	0.001
Nerolidol	0.0412	0.412	0.000007	0.001
Myrcene	2.1263	21.263	0.000003	0.001
Ocimene	0.4624	4.624	0.000002	0.001
<b>Total Terpenes</b>	<b>3.2499</b>	<b>32.499</b>		



*Callie Chapman*

Callie Chapman  
 Lab Director  
 9/10/2024

Rev. 1 Initial Release

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**Date Tested:** 9/4/2024



## Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #39303

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00944	0.03114
Abamectin B1b	Pass	ND	0.10000	0.00034	0.00113
Acephate	Pass	ND	0.10000	0.00404	0.01333
Acequinocyl	Pass	ND	0.10000	0.02821	0.09310
Azoxystrobin	Pass	ND	0.10000	0.00298	0.00983
Bifenazate	Pass	ND	0.10000	0.00129	0.00427
Bifenthrin	Pass	ND	3.00000	0.01005	0.03317
Carbaryl	Pass	ND	0.50000	0.00402	0.01325
Chlorpyrifos	Pass	ND	0.04000	0.00403	0.01329
Cypermethrin	Pass	ND	1.00000	0.01010	0.03333
Etoxazole	Pass	ND	0.10000	0.00404	0.01333
Imazalil	Pass	ND	0.04000	0.01073	0.03539
Imidacloprid	Pass	ND	5.00000	0.00401	0.01323
Myclobutanil	Pass	ND	0.10000	0.00308	0.01016
Spinosyn A	Pass	ND	0.10000	0.00312	0.01029
Spinosyn D	Pass	ND	0.10000	0.00083	0.00273
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

\* Pyrethrins action limit represents sum of isomers I & II



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## Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #39305

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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