



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

Certificate of Analysis

**Client Name:** Ammanana Growers  
**License Number:** SCLT0172

**Sample ID:** VT13465  
**Sample Name:** Thousand Oaks  
**Sample Lot:** 010  
**Sample Matrix:** Flower  
**Date Received:** 9/20/2024  
**Date Reported:** 9/27/2024  
**Date Tested:** 9/24/2024




Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #41246

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



  
Callie Chapman  
Lab Director  
9/27/2024  
Rev: 02 Editorial: Name Change

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**Client Name:** Ammanana Growers  
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**Sample ID:** VT13466  
**Sample Name:** HL: TO, SK  
**Sample Lot:** 010  
**Sample Matrix:** Flower  
**Date Received:** 9/20/2024  
**Date Reported:** 9/27/2024  
**Date Tested:** 9/25/2024



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #41248

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00137	0.00416
Abamectin B1b	Pass	ND	0.10000	0.00016	0.00048
Acephate	Pass	ND	0.10000	0.00233	0.00707
Acequinocyl	Pass	ND	0.10000	0.02958	0.08963
Azoxystrobin	Pass	ND	0.10000	0.00152	0.00459
Bifenazate	Pass	ND	0.10000	0.00101	0.00306
Bifenthrin	Pass	ND	3.00000	0.00385	0.01167
Carbaryl	Pass	ND	0.50000	0.00156	0.00473
Chlorpyrifos	Pass	ND	0.04000	0.00228	0.00689
Cypermethrin	Pass	ND	1.00000	0.00898	0.02720
Etoxazole	Pass	ND	0.10000	0.00176	0.00535
Imazalil	Pass	ND	0.04000	0.00147	0.00446
Imidacloprid	Pass	ND	5.00000	0.00029	0.01774
Myclobutanil	Pass	ND	0.10000	0.00166	0.00504
Spinosyn A	Pass	ND	0.10000	0.00104	0.00315
Spinosyn D	Pass	ND	0.10000	0.00061	0.00185
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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**Date Received:** 9/20/2024  
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**Date Tested:** 9/24/2024



Total Cannabinoids		
	%	mg/g
Total THC:	20.637	206.373
Total CBD:	--	--
Total Cannabinoids:	25.601	256.014

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: #41243

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.2682	2.682	0.2387	2.387	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	1.9078	19.078	1.6978	16.978	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	0.7581	7.581	0.6746	6.746	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	22.6673	226.673	20.1716	201.716	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: #41244

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.01	13.00	PASS
Water Activity	0.48	0.65	

*Callie Chapman*

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Lab Director  
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**Sample Matrix:** Flower

**Date Received:** 9/20/2024

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**Total Terpenes (%) : 4.379**

## Dominant Terpenes (%)

Myrcene	2.6959
Ocimene	0.7114
alpha-Pinene	0.4015
beta-caryophyllene	0.2192
beta-Pinene	0.0985

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #41245

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0251	0.251	0.000003	0.001
alpha-Humulene	0.0632	0.632	0.000002	0.001
alpha-Pinene	0.4015	4.015	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	ND	ND	0.000004	0.001
beta-caryophyllene	0.2192	2.192	0.000004	0.001
beta-Pinene	0.0985	0.985	0.000002	0.001
Camphene	< LOQ	< LOQ	0.000001	0.001
Caryophyllene Oxide	0.0141	0.141	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	0.0785	0.785	0.000002	0.001
Linalool	0.0616	0.616	0.000003	0.001
Nerolidol	0.01	0.1	0.000007	0.001
Myrcene	2.6959	26.959	0.000003	0.001
Ocimene	0.7114	7.114	0.000002	0.001
<b>Total Terpenes</b>	<b>4.379</b>	<b>43.79</b>		

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