



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

# Certificate of Analysis

**Client Name:** Trichome Ranch  
**License Number:** SCLT0184

**Sample ID:** VT3221  
**Sample Name:** Donny Burger  
**Sample Lot:** MANU0031-3-011  
**Sample Matrix:** Mechanical Extraction Concentrates  
**Date Received:** 8/28/2023  
**Date Reported:** 8/31/2023  
**Date Tested:** 8/30/2023



Total Cannabinoids		
	%	mg/g
<b>Total THC:</b>	<b>65.599</b>	<b>655.990</b>
<b>Total CBD:</b>	<b>--</b>	<b>--</b>
<b>Total Cannabinoids:</b>	<b>75.778</b>	<b>757.781</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-024-0A) | Test ID: #7076

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	0.0002	0.0040
CBD	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.9788	9.788	0.0001	0.0040
CBN	ND	ND	0.0004	0.0040
CBNA	ND	ND	0.0002	0.0040
D8 THC	ND	ND	0.0012	0.0040
D9 THC	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	74.7993	747.993	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040



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**Sample ID:** VT3221  
**Sample Name:** Donny Burger  
**Sample Lot:** MANU0031-3-011  
**Sample Matrix:** Mechanical Extraction Concentrates  
**Date Received:** 8/28/2023  
**Date Reported:** 9/1/2023  
**Date Tested:** 8/30/2023



## Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #7078

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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**License Number:** SCLT0184

**Sample ID:** VT3221  
**Sample Name:** Donny Burger  
**Sample Lot:** MANU0031-39-011  
**Sample Matrix:** Mechanical Extraction Concentrates  
**Date Received:** 8/28/2023  
**Date Reported:** 9/1/2023  
**Date Tested:** 8/30/2023



## Total Terpenes (%) : 7.1926

Dominant Terpenes (%)	
Limonene	2.7418
trans-Caryophyllene	1.3259
Myrcene	0.8593
beta-Pinene	0.5964
alpha-Humulene	0.5862

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS, SOP-069-OA) | Test ID: #7077

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.003	0.009
alpha-Bisabolol	ND	ND	0.005	0.014
alpha-Humulene	0.5862	5.862	0.003	0.009
alpha-Pinene	0.3506	3.506	0.004	0.013
alpha-Terpinene	ND	ND	0.004	0.025
alpha-Terpinolene	ND	ND	0.005	0.014
beta-Pinene	0.5964	5.964	0.004	0.013
Camphene	0.2111	2.111	0.003	0.009
Caryophyllene Oxide	ND	ND	0.006	0.017
Cineole	ND	ND	0.003	0.009
gamma-Terpinene	ND	ND	0.005	0.015
Geraniol	ND	ND	0.011	0.034
Guaiol	ND	ND	0.003	0.009
Isopulegol	ND	ND	0.004	0.012
Isopropyl Toluene	ND	ND	0.005	0.016
Limonene	2.7418	27.418	0.004	0.012
Linalool	0.5213	5.213	0.005	0.014
Nerolidol	ND	ND	0.011	0.034
Myrcene	0.8593	8.593	0.004	0.014
Ocimene	ND	ND	0.004	0.012
trans-Caryophyllene	1.3259	13.259	0.004	0.013
<b>Total Terpenes</b>	<b>7.1926</b>	<b>71.926</b>		