



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:** VT3066  
**Sample Name:** Pennywise Rosin  
**Sample Lot:** MANU0031-36-001  
**Sample Matrix:** Mechanical Extraction Concentrates  
**Date Received:** 8/21/2023  
**Date Reported:** 8/22/2023  
**Date Tested:** 8/21/2023



Total Cannabinoids		
	%	mg/g
Total THC:	30.410	304.102
Total CBD:	34.478	344.782
<b>Total Cannabinoids:</b>	<b>77.814</b>	<b>778.144</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: #6620

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	2.2172	22.172	0.0002	0.0040
CBD	ND	ND	0.0008	0.0040
CBDA	39.3138	393.138	0.0002	0.0040
CBDV	< LOQ	< LOQ	0.0008	0.0040
CBDVA	< LOQ	< LOQ	0.0001	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.6082	16.082	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	34.6752	346.752	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040



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## Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #6622

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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## Total Terpenes (%) : 6.0654

Dominant Terpenes (%)	
Myrcene	3.0021
alpha-Pinene	1.1358
beta-Pinene	0.5747
Limonene	0.5186
Linalool	0.2806

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS, SOP-069-OA) | Test ID: #6621

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.003	0.009
alpha-Bisabolol	0.224	2.24	0.005	0.014
alpha-Humulene	0.2053	2.053	0.003	0.009
alpha-Pinene	1.1358	11.358	0.004	0.013
alpha-Terpinene	ND	ND	0.004	0.025
alpha-Terpinolene	ND	ND	0.005	0.014
beta-Pinene	0.5747	5.747	0.004	0.013
Camphene	0.1243	1.243	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	0.5186	5.186	0.004	0.012
Linalool	0.2806	2.806	0.005	0.014
Nerolidol	ND	ND	0.011	0.034
Myrcene	3.0021	30.021	0.004	0.014
Ocimene	< LOQ	< LOQ	0.004	0.012
trans-Caryophyllene	ND	ND	0.004	0.013
<b>Total Terpenes</b>	<b>6.0654</b>	<b>60.654</b>		