



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: VT3280
Sample Name: Sour Diesel
Sample Lot: MANU0031-42-001
Sample Matrix: Mechanical Extraction Concentrates
Date Received: 8/30/2023
Date Reported: 8/31/2023
Date Tested: 8/30/2023



Total Cannabinoids		
	%	mg/g
Total THC:	69.314	693.140
Total CBD:	--	--
Total Cannabinoids:	80.290	802.898

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: #7258

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	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.2545	12.545	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	79.0353	790.353	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040



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Date Reported: 9/1/2023
Date Tested: 8/30/2023



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #7264

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

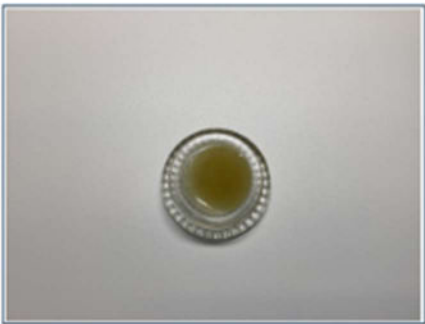


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Total Terpenes (%) : 7.7029

Dominant Terpenes (%)	
Limonene	2.4173
trans-Caryophyllene	1.6199
Myrcene	1.3512
alpha-Humulene	0.6858
beta-Pinene	0.4734

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #7263

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.003	0.009
alpha-Bisabolol	0.368	3.68	0.005	0.014
alpha-Humulene	0.6858	6.858	0.003	0.009
alpha-Pinene	0.2795	2.795	0.004	0.013
alpha-Terpinene	ND	ND	0.004	0.025
alpha-Terpinolene	ND	ND	0.005	0.014
beta-Pinene	0.4734	4.734	0.004	0.013
Camphene	0.1785	1.785	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	2.4173	24.173	0.004	0.012
Linalool	0.3293	3.293	0.005	0.014
Nerolidol	ND	ND	0.011	0.034
Myrcene	1.3512	13.512	0.004	0.014
Ocimene	ND	ND	0.004	0.012
trans-Caryophyllene	1.6199	16.199	0.004	0.013
Total Terpenes	7.7029	77.029		