



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: VT8530
Sample Name: Triple Burger
Sample Lot: SCLT0184-9-1
Sample Matrix: Flower
Date Received: 3/22/2024
Date Reported: 3/29/2024
Date Tested: 3/26/2024



Total Cannabinoids		
	%	mg/g
Total THC:	30.471	304.707
Total CBD:	--	--
Total Cannabinoids:	36.719	367.185

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: #25288

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.4121	4.121	0.3701	3.701	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.5622	15.622	1.403	14.03	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	34.7442	347.442	31.2038	312.038	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: #25289

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.19	13.00	
Water Activity	0.43	0.65	PASS



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Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #25291

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 (%) : 2.6867

Dominant Terpenes (%)	
Myrcene	0.7609
Limonene	0.6428
beta-caryophyllene	0.6178
alpha-Humulene	0.2719
beta-Pinene	0.0942

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #25290

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.0911	0.911	0.000003	0.002
alpha-Humulene	0.2719	2.719	0.000002	0.002
alpha-Pinene	0.0478	0.478	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	0.0112	0.112	0.000004	0.002
beta-caryophyllene	0.6178	6.178	0.000004	0.002
beta-Pinene	0.0942	0.942	0.000002	0.002
Camphene	0.026	0.26	0.000001	0.002
Caryophyllene Oxide	0.0234	0.234	0.000011	0.002
Eucalyptol	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	ND	ND	0.000008	0.002
Guaiol	ND	ND	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.6428	6.428	0.000002	0.002
Linalool	0.0703	0.703	0.000003	0.002
Nerolidol	0.0293	0.293	0.000007	0.002
Myrcene	0.7609	7.609	0.000003	0.002
Ocimene	ND	ND	0.000002	0.002
Total Terpenes	2.6867	26.867		



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Client Name: Trichome Ranch
License Number: SCLT0184

Sample ID: VT8535
Sample Name: HL: TB, DB, B, PS & GB
Sample Lot: SCLT0184-9
Sample Matrix: Flower
Date Received: 3/22/2024
Date Reported: 3/29/2024
Date Tested: 3/26/2024



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MS/MS; SOP-070-0A) - **Limit units: ppm** | Test ID: #25308

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00156	0.01560
Abamectin B1b	Pass	ND	0.10000	0.00006	0.00060
Acephate	Pass	ND	0.10000	0.00168	0.01680
Acequinocyl	Pass	ND	0.10000	0.00167	0.01670
Azoxystrobin	Pass	ND	0.10000	0.00168	0.01680
Bifenazate	Pass	ND	0.10000	0.00167	0.01670
Bifenthrin	Pass	ND	3.00000	0.00167	0.01670
Carbaryl	Pass	ND	0.50000	0.00167	0.01670
Chlorpyrifos	Pass	ND	0.04000	0.00167	0.01670
Cypermethrin	Pass	ND	1.00000	0.00168	0.01680
Etoxazole	Pass	ND	0.10000	0.00168	0.01680
Imazalil	Pass	ND	0.04000	0.00167	0.01670
Imidacloprid	Pass	ND	5.00000	0.00166	0.01660
Myclobutanil	Pass	ND	0.10000	0.00167	0.01670
Spinosyn A	Pass	ND	0.10000	0.00120	0.01199
Spinosyn D	Pass	ND	0.10000	0.00042	0.00415
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498*	0.00072 0.00015*

* Pyrethrins action limit represents sum of isomers I & II