



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

Certificate of Analysis

Client Name: Rhize Cannabis Company
License Number: SCLT0295 MANU0065

Sample ID: 20250924-24564
Sample Name: Sour Diesel Flower
Sample Lot: HL-22T
Sample Matrix: Flower
Date Received: 9/24/2025
Date Reported: 10/1/2025
Date Tested: 9/30/2025



Total Cannabinoids		
	%	mg/g
Total THC:	22.074	220.744
Total CBD:	--	--
Total Cannabinoids:	25.979	259.793

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: #80311

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	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	0.809	8.09	0.7109	7.109	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	ND	ND	ND	ND	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	25.1703	251.703	22.1172	221.172	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: #80312

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.13	13.00	PASS
Water Activity	0.55	0.65	

Holly Heimsath

Holly Heimsath
QA Manager
10/1/2025

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Date Tested: 9/30/2025



Total Terpenes (%) : 1.8284

Dominant Terpenes (%)

Myrcene	0.6983
Limonene	0.4309
beta-caryophyllene	0.2267
Linalool	0.156
alpha-Humulene	0.0978

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #80313

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0399	0.399	0.000003	0.001
alpha-Humulene	0.0978	0.978	0.000002	0.001
alpha-Pinene	0.0384	0.384	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0075	0.075	0.000004	0.001
beta-caryophyllene	0.2267	2.267	0.000004	0.001
beta-Pinene	0.0706	0.706	0.000002	0.001
Camphene	0.0047	0.047	0.000001	0.001
Caryophyllene Oxide	ND	ND	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	0.0227	0.227	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	0.4309	4.309	0.000002	0.001
Linalool	0.156	1.56	0.000003	0.001
Nerolidol	0.0349	0.349	0.000007	0.001
Myrcene	0.6983	6.983	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	1.8284	18.284		

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QA Manager
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Sample Lot: HL-22T
Sample Matrix: Flower
Date Received: 9/24/2025
Date Reported: 10/1/2025
Date Tested: 9/25/2025



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #80314

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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Certificate of Analysis

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Sample ID: 20250924-24569
Sample Name: Combined Pesticides
Sample Lot: HL-22T: CO, GS, BF, SD
Sample Matrix: Flower
Date Received: 9/24/2025
Date Reported: 10/1/2025
Date Tested: 9/25/2025



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #80331

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	ND	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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