



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: VT11511
Sample Name: GMO Flower
Sample Lot: HL-8
Sample Matrix: Flower
Date Received: 7/22/2024
Date Reported: 7/29/2024
Date Tested: 7/26/2024



Total Cannabinoids

	%	mg/g
Total THC:	32.764	327.644
Total CBD:	--	--
Total Cannabinoids:	40.494	404.936

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: #34924

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.4709	4.709	0.4155	4.155	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	2.431	24.31	2.1449	21.449	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	37.3596	373.596	32.9623	329.623	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	0.2321	2.321	0.2048	2.048	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #34926

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.77	13.00	PASS
Water Activity	0.53	0.65	

Callie Chapman

Callie Chapman
Lab Director
7/29/2024

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Sample ID: VT11511

Sample Name: GMO Flower

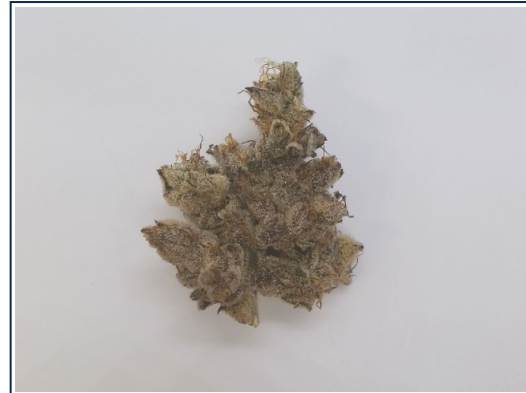
Sample Lot: HL-8

Sample Matrix: Flower

Date Received: 7/22/2024

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Total Terpenes (%) : 2.2374

Dominant Terpenes (%)

Myrcene	0.7638
Limonene	0.5003
beta-caryophyllene	0.4643
alpha-Humulene	0.2271
beta-Pinene	0.0747

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #34927

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0739	0.739	0.000003	0.001
alpha-Humulene	0.2271	2.271	0.000002	0.001
alpha-Pinene	0.0407	0.407	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0028	0.028	0.000004	0.001
beta-caryophyllene	0.4643	4.643	0.000004	0.001
beta-Pinene	0.0747	0.747	0.000002	0.001
Camphene	0.0113	0.113	0.000001	0.001
Caryophyllene Oxide	0.0078	0.078	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	ND	ND	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	0.5003	5.003	0.000002	0.001
Linalool	0.0478	0.478	0.000003	0.001
Nerolidol	0.0229	0.229	0.000007	0.001
Myrcene	0.7638	7.638	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	2.2374	22.374		

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Lab Director
7/26/2024

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Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #34928

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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Client Name: Rhize Cannabis Company
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Sample ID: VT11512

Sample Name: Combined Pesticide

Sample Lot: HL-8

Sample Matrix: Flower

Date Received: 7/22/2024

Date Reported: 7/29/2024

Date Tested: 7/23/2024



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #34929

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00944	0.03114
Abamectin B1b	Pass	ND	0.10000	0.00034	0.00113
Acephate	Pass	ND	0.10000	0.00404	0.01333
Acequinocyl	Pass	ND	0.10000	0.02821	0.09310
Azoxystrobin	Pass	ND	0.10000	0.00298	0.00983
Bifenazate	Pass	ND	0.10000	0.00129	0.00427
Bifenthrin	Pass	ND	3.00000	0.01005	0.03317
Carbaryl	Pass	ND	0.50000	0.00402	0.01325
Chlorpyrifos	Pass	ND	0.04000	0.00403	0.01329
Cypermethrin	Pass	ND	1.00000	0.01010	0.03333
Etoxazole	Pass	ND	0.10000	0.00404	0.01333
Imazalil	Pass	ND	0.04000	0.01073	0.03539
Imidacloprid	Pass	ND	5.00000	0.00401	0.01323
Myclobutanil	Pass	ND	0.10000	0.00308	0.01016
Spinosyn A	Pass	ND	0.10000	0.00312	0.01029
Spinosyn D	Pass	ND	0.10000	0.00083	0.00273
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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