



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

Certificate of Analysis

Client Name: Gaston Weed Company
License Number: MANU0044

Sample ID: VT18794
Sample Name: Volcanic Mix
Sample Lot: MANU0044-175-VM
Sample Matrix: Flower
Date Received: 2/25/2025
Date Reported: 2/28/2025
Date Tested: 2/27/2025



Total Cannabinoids

	%	mg/g
Total THC:	19.008	190.083
Total CBD:	--	--
Total Cannabinoids:	22.667	226.667

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: #61277

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	< LOQ	< LOQ	< LOQ	< LOQ	0.0003	0.0040
CBCA	0.6209	6.209	0.5661	5.661	0.0002	0.0040
CBD	ND	ND	ND	ND	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	0.9828	9.828	0.896	8.96	0.0001	0.0040
CBN	< LOQ	< LOQ	< LOQ	< LOQ	0.0004	0.0040
CBNA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	4.3583	43.583	3.9735	39.735	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	16.7047	167.047	15.2296	152.296	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: #61278

Analyte	Result (%)	Limit	Pass/Fail
Moisture	8.83	13.00	PASS
Water Activity	0.32	0.65	

Callie Chapman

Callie Chapman
Lab Director
2/28/2025

Rev. 1 Initial Release

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Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #61279

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	0.00072
				0.00498 *	0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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Lab Director
2/28/2025

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Sample Matrix: Flower

Date Received: 2/25/2025

Date Reported: 2/28/2025

Date Tested: 2/27/2025



Total Terpenes (%) : 0.9613

Dominant Terpenes (%)

beta-caryophyllene	0.2916
Myrcene	0.1637
Limonene	0.1395
alpha-Humulene	0.109
alpha-Bisabolol	0.0539

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #61280

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	0.0072	0.072	0.000002	0.001
alpha-Bisabolol	0.0539	0.539	0.000003	0.001
alpha-Humulene	0.109	1.09	0.000002	0.001
alpha-Pinene	0.0465	0.465	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.001
beta-caryophyllene	0.2916	2.916	0.000004	0.001
beta-Pinene	0.0255	0.255	0.000002	0.001
Camphene	< LOQ	< LOQ	0.000001	0.001
Caryophyllene Oxide	0.0338	0.338	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	0.0085	0.085	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.1395	1.395	0.000002	0.001
Linalool	0.0209	0.209	0.000003	0.001
Nerolidol	0.032	0.32	0.000007	0.001
Myrcene	0.1637	1.637	0.000003	0.001
Ocimene	0.0292	0.292	0.000002	0.001
Total Terpenes	0.9613	9.613		

Callie Chapman

Callie Chapman
Lab Director
2/28/2025

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Date Tested: 2/26/2025



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #61281

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



Callie Chapman

Callie Chapman
Lab Director
2/28/2025

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Certificate of Analysis

Client Name: Gaston Weed Company
License Number: MANU0044



Sample ID: VT18989
Sample Name: Resinators
Sample Lot: MANU0044-176-RES
Sample Matrix: Infused Flower
Date Received: 3/4/2025
Date Reported: 3/7/2025
Date Tested: 3/5/2025

Total Cannabinoids

	%	mg/g
Total THC:	35.446	354.458
Total CBD:	--	--
Total Cannabinoids:	38.789	387.890

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: #61921

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	0.6617	6.617	0.6097	6.097	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	ND	ND	ND	ND	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	0.9427	9.427	0.8687	8.687	0.0009	0.0040
CBGA	0.6059	6.059	0.5583	5.583	0.0001	0.0040
CBN	< LOQ	< LOQ	< LOQ	< LOQ	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	27.3681	273.681	25.2197	252.197	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	9.2106	92.106	8.4876	84.876	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #61923

Analyte	Result (%)	Limit	Pass/Fail
Moisture	7.85	13.00	
Water Activity	0.21	0.65	PASS

Callie Chapman

Callie Chapman
Lab Director
3/7/2025

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Sample ID: VT18989

Sample Name: Resinators

Sample Lot: MANU0044-176-RES

Sample Matrix: Infused Flower

Date Received: 3/4/2025

Date Reported: 3/7/2025

Date Tested: 3/5/2025



Total Terpenes (%) : 2.3031

Dominant Terpenes (%)

beta-caryophyllene	0.8729
Limonene	0.3972
alpha-Humulene	0.3723
Myrcene	0.2115
alpha-Bisabolol	0.158

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #61922

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	0.0029	0.029	0.000002	0.001
alpha-Bisabolol	0.158	1.58	0.000003	0.001
alpha-Humulene	0.3723	3.723	0.000002	0.001
alpha-Pinene	0.0703	0.703	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.01	0.1	0.000004	0.001
beta-caryophyllene	0.8729	8.729	0.000004	0.001
beta-Pinene	0.0375	0.375	0.000002	0.001
Camphene	0.0064	0.064	0.000001	0.001
Caryophyllene Oxide	0.0517	0.517	0.000011	0.001
Eucalyptol	< LOQ	< LOQ	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	ND	ND	0.000008	0.003
Guaiol	0.0058	0.058	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.3972	3.972	0.000002	0.001
Linalool	0.051	0.51	0.000003	0.001
Nerolidol	0.0376	0.376	0.000007	0.001
Myrcene	0.2115	2.115	0.000003	0.001
Ocimene	0.018	0.18	0.000002	0.001
Total Terpenes	2.3031	23.031		

Callie Chapman

Callie Chapman
Lab Director
3/7/2025

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Client Name: Gaston Weed Company

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Sample ID: VT18718

Sample Name: Forest City Blue Raz

Sample Lot: MANU0044-173-FCBRG-1

Sample Matrix: Gummy

Date Received: 2/24/2025

Date Reported: 2/28/2025

Date Tested: 2/27/2025



Total Cannabinoids

	%	mg/g	mg/unit
Total THC:	0.161	1.608	5.003
Total CBD:	--	--	0.000
Total Cannabinoids:	0.165	1.648	5.128
Unit Weight (g): 3.1114			

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: #61035

Analyte	%	mg/g	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	< LOQ	< LOQ	<LOQ	0.0003	0.0040
CBCA	ND	ND	ND	0.0002	0.0040
CBD	< LOQ	< LOQ	<LOQ	0.0008	0.0040
CBDA	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	0.0001	0.0040
CBG	0.004	0.04	0.12	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
CBN	< LOQ	< LOQ	<LOQ	0.0004	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	0.0012	0.0040
D9 THC	0.1608	1.608	5.00	0.0016	0.0049
D10 THC	ND	ND	ND	0.0004	0.0040
THCA	ND	ND	ND	0.0002	0.0040
THCV	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	0.0002	0.0040

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2/28/2025

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Certificate of Analysis

Client Name: Gaston Weed Company
License Number: MANU0044

Sample ID: VT18719
Sample Name: Rebel Grown Mix
Sample Lot: MANU0044-168-RGM
Sample Matrix: Solvent Extraction Concentrates
Date Received: 2/24/2025
Date Reported: 2/28/2025
Date Tested: 2/26/2025



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #61038

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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Sample Name: Rebel Grown Mix

Sample Lot: MANU0044-168-RGM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 2/24/2025

Date Reported: 2/28/2025

Date Tested: 2/27/2025



Total Cannabinoids

	%	mg/g
Total THC:	58.710	587.105
Total CBD:	--	--
Total Cannabinoids:	62.558	625.579

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: #61036

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	1.265	12.65	0.0003	0.0040
CBCA	< LOQ	< LOQ	0.0002	0.0040
CBD	ND	ND	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	1.2904	12.904	0.0009	0.0040
CBGA	0.9722	9.722	0.0001	0.0040
CBN	< LOQ	< LOQ	0.0004	0.0040
CBNA	ND	ND	0.0002	0.0040
D8 THC	ND	ND	0.0012	0.0040
D9 THC	56.4302	564.302	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	2.6001	26.001	0.0002	0.0040
THCV	< LOQ	< LOQ	0.0016	0.0049
THCVA	ND	ND	0.0002	0.0040

Callie Chapman

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Sample ID: VT18719

Sample Name: Rebel Grown Mix

Sample Lot: MANU0044-168-RGM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 2/24/2025

Date Reported: 2/28/2025

Date Tested: 2/26/2025



Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: ppm** | Test ID: #61039

Analyte	Pass/Fail	Result (ppm)	Limit (ppm)	LOD (ppm)	LOQ (ppm)
Arsenic	PASS	< LOQ	1.500	0.0000260	0.00050
Cadmium	PASS	< LOQ	0.500	0.0000004	0.00050
Lead	PASS	< LOQ	1.000	0.0000190	0.00050
Mercury	PASS	< LOQ	1.500	0.0000039	0.00050

Callie Chapman

Callie Chapman
Lab Director
2/28/2025

Rev. 1 Initial Release

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

Certificate of Analysis



Client Name: Gaston Weed Company

License Number: MANU0044



Sample ID: VT18719

Sample Name: Rebel Grown Mix

Sample Lot: MANU0044-168-RGM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 2/24/2025

Date Reported: 2/28/2025

Date Tested: 2/26/2025



Residual Solvents

Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-OA) - **Limit units: µg/g** | Test ID: #61037

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	4.730	14.200
Acetonitrile	Pass	< LOQ	410.000	0.480	1.450
Benzene	Pass	< LOQ	2.000	0.020	0.060
Chloroform	Pass	< LOQ	60.000	0.070	0.210
Ethanol	Pass	< LOQ	5000.000	6.010	18.040
Heptanes (total)	Pass	< LOQ	5000.000	5.950	17.840
Hexanes (total)	Pass	< LOQ	0	0.350	1.040
Isopropyl Alcohol	Pass	< LOQ	5000.000	5.910	17.730
Methanol	Pass	< LOQ	3000.000	3.540	10.610
Methylene Chloride	Pass	< LOQ	600.000	6.400	19.190
Toluene	Pass	< LOQ	890.000	1.050	3.160
Xylenes (total)	Pass	< LOQ	2170.000	19.426 14.858 *	58.868 45.024 *

Additional Solvent Analytes

Propane	Pass	< LOQ	5000.000	5.420	16.260
2-Methylpropane	Pass	< LOQ	5000.000	5.420	16.270
2,2-Dimethylbutane	Pass	< LOQ	5000.000	0.340	1.020
2,3-Dimethylbutane	Pass	< LOQ	5000.000	0.340	1.030
n-Butane	Pass	< LOQ	0	5.390	16.160
2-Methylpentane	Pass	< LOQ	5000.000	0.340	1.030
3-Methylpentane	Pass	< LOQ	5000.000	0.680	2.050
Isopentane	Pass	< LOQ	5000.000	5.890	17.670
n-Pentane	Pass	< LOQ	5000.000	5.900	17.700
Neopentane	Pass	< LOQ	5000.000	11.870	35.620

* Xylenes action limit represents sum of m,p-Xylene and o-Xylene

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License Number: MANU0044

Sample ID: VT18719
Sample Name: Rebel Grown Mix
Sample Lot: MANU0044-168-RGM
Sample Matrix: Solvent Extraction Concentrates
Date Received: 2/24/2025
Date Reported: 2/28/2025
Date Tested: 2/27/2025



Total Terpenes (%) : 5.3651

Dominant Terpenes (%)

beta-caryophyllene	2.0851
Limonene	1.0158
alpha-Humulene	0.8698
Myrcene	0.4448
alpha-Bisabolol	0.3604

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #61040

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.3604	3.604	0.000003	0.001
alpha-Humulene	0.8698	8.698	0.000002	0.001
alpha-Pinene	0.1495	1.495	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0282	0.282	0.000004	0.001
beta-caryophyllene	2.0851	20.851	0.000004	0.001
beta-Pinene	0.081	0.81	0.000002	0.001
Camphene	0.0163	0.163	0.000001	0.001
Caryophyllene Oxide	0.1258	1.258	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	1.0158	10.158	0.000002	0.001
Linalool	0.1178	1.178	0.000003	0.001
Nerolidol	0.0706	0.706	0.000007	0.001
Myrcene	0.4448	4.448	0.000003	0.001
Ocimene	< LOQ	< LOQ	0.000002	0.001
Total Terpenes	5.3651	53.651		

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