

Certificate of Analysis

CI

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT16475

Sample Name: Resinators
Sample Lot: MANU0044-165-RES
Sample Matrix: Infused Flower
Date Received: 12/9/2024

Date Reported: 12/12/2024 **Date Tested:** 12/11/2024



Total Cannabinoids					
% mg/g					
Total THC:	38.092	380.915			
Total CBD:					
Total Cannabinoids:	40.686	406.862			

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

 $Standard\ potency\ analysis\ utilizing\ High\ Performance\ Liquid\ Chromatography\ (HPLC;\ SOP-024-0A)\ |\ Test\ ID:\ \#53190$

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	< LOQ	< LOQ	< LOQ	< LOQ	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	0.7694	7.694	0.7038	7.038	0.0009	0.0040
CBGA	0.5654	5.654	0.5173	5.173	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	29.1085	291.085	26.6285	266.285	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	10.2429	102.429	9.3702	93.702	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-202-0A) | Test ID: #53191

Analyte	Result (%)	Limit	Pass/Fail	
Moisture	8.52	13.00	PASS	
Water Activity	0.29	0.65	PASS	

Holy Herman

Holly Heimsath QA Manager

Rev. 02 Editorial: Lot Code





Certificate of Analysis

-

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT16475

Sample Name: Resinators
Sample Lot: MANU0044-165-RES
Sample Matrix: Infused Flower
Date Received: 12/9/2024

Date Reported: 12/12/2024 **Date Tested:** 12/11/2024



Total Terpenes (%): 2.568

Dominant Terpenes (%)					
beta-caryophyllene 1.0039					
alpha-Humulene	0.4085				
Limonene	0.3014				
Linalool	0.2427				
Myrcene	0.153				

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #53192

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.1358	1.358	0.000003	0.001
alpha-Humulene	0.4085	4.085	0.000002	0.001
alpha-Pinene	0.06	0.6	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.1188	1.188	0.000004	0.001
beta-caryophyllene	1.0039	10.039	0.000004	0.001
beta-Pinene	0.0267	0.267	0.000002	0.001
Camphene	0.01	0.1	0.000001	0.001
Caryophyllene Oxide	0.045	0.45	0.000011	0.001
Eucalyptol	0.0033	0.033	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	0.0172	0.172	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	0.3014	3.014	0.000002	0.001
Linalool	0.2427	2.427	0.000003	0.001
Nerolidol	0.0255	0.255	0.00007	0.001
Myrcene	0.153	1.53	0.000003	0.001
Ocimene	0.0162	0.162	0.000002	0.001
Total Terpenes	2.568	25.68		

Holy Hermsex

Holly Heimsath QA Manager 12/12/2024

Rev. 02 Editorial: Lot Code





Certificate of Analysis

Client Name: Volcanic Organic License Number: S-000002294

Sample ID: VT4965

Sample Name: Pineapple Upside Down

Sample Lot: 001

Sample Matrix: Flower Date Received: 11/10/2023

Date Reported: 11/17/2023

Date Tested: 11/15/2023



Total Cannabinoids					
% mg/g					
Total THC:	21.801	218.010			
Total CBD:					
Total Cannabinoids:	27.880	278.795			

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: #13630

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.6692	6.692	0.5906	5.906	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	ND	ND	ND	ND	0.0009	0.0040
CBGA	2.3926	23.926	2.1117	21.117	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	0.2913	2.913	0.2571	2.571	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	24.5264	245.264	21.647	216.47	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-202-0A) | Test ID: #13631

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.74	13.00	PASS
Water Activity	0.53	0.65	





Certificate of Analysis

å

Client Name: Volcanic Organic License Number: S-000002294

Sample ID: VT4965

Sample Name: Pineapple Upside Down

Sample Lot: 001 Sample Matrix: Flower Date Received: 11/10/2023 Date Reported: 11/20/2023

Date Tested: 11/15/2023



Total Terpenes (%): 1.6808

Dominant Terpenes (%)				
beta-caryophyllene 0.737				
Limonene	0.3517			
alpha-Humulene	0.2986			
alpha-Bisabolol	0.0954			
Myrcene	0.0682			

Terpenes

Standard terpene analysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #13632

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.002	Τ
alpha-Bisabolol	0.0954	0.954	0.00003	0.002	
alpha-Humulene	0.2986	2.986	0.000002	0.002	
alpha-Pinene	0.0255	0.255	0.000001	0.002	
alpha-Terpinene	ND	ND	0.000001	0.002	
alpha-Terpinolene	ND	ND	0.000004	0.002	
beta-caryophyllene	0.737	7.37	0.000004	0.002	
beta-Pinene	0.0536	0.536	0.000002	0.002	
Camphene	< LOQ	< LOQ	0.000001	0.002	
Caryophyllene Oxide	0.022	0.22	0.000011	0.002	
Cineole	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	0.00003	0.002	
Limonene	0.3517	3.517	0.000002	0.002	
Linalool	0.0288	0.288	0.00003	0.002	
Nerolidol	ND	ND	0.000007	0.002	
Myrcene	0.0682	0.682	0.00003	0.002	
Ocimene	ND	ND	0.000002	0.002	
Total Terpenes	1.6808	16.808			







Certificate of Analysis

Client Name: Volcanic Organic License Number: S-000002294

Sample ID: VT4965

Sample Name: Pineapple Upside Down

Sample Lot: 001

Sample Matrix: Flower **Date Received: 11/10/2023**

Date Reported: 11/17/2023 Date Tested: 11/14/2023



PASS Pathogens

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #13633

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	







Certificate of Analysis

Client Name: Volcanic Organic License Number: S-000002294

Sample ID: VT4971

Sample Name: HL: HJ, BM, PUD, GZ

Sample Lot: 001

Sample Matrix: Flower

Date Received: 11/10/2023 Date Reported: 11/17/2023

Date Tested: 11/15/2023



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test |D:

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
Aceguinocyl	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







Certificate of Analysis

<u>.</u>

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT13448

Sample Name: Dosi Mint Sample Lot: MANU0044-136-DM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 9/20/2024 **Date Reported:** 9/27/2024 **Date Tested:** 9/24/2024



Total Ca	Total Cannabinoids		
	%	mg/g	
Total THC:	62.958	629.585	
Total CBD:			
Total Cannabinoids:	65.893	658.930	

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: #41185

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	0.5509	5.509	0.0003	0.0040
CBCA	ND	ND	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	1.3918	13.918	0.0009	0.0040
CBGA	0.8035	8.035	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	61.6156	616.156	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	1.5312	15.312	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	ND	ND	0.0002	0.0040

Allif Den

Callie Chapman Lab Director

Rev. 1 Initial Release





Certificate of Analysis

<u>.</u>

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT13448

Sample Name: Dosi Mint Sample Lot: MANU0044-136-DM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 9/20/2024 **Date Reported:** 9/27/2024 **Date Tested:** 9/24/2024



Total Terpenes (%): 6.3458

Dominant Terpenes (%)				
beta-caryophyllene 2.0206				
alpha-Humulene	1.1516			
Limonene	1.1254			
Linalool	0.6783			
Myrcene	0.3194			

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #41189

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	< LOQ	< LOQ	0.000002	0.001	Τ
alpha-Bisabolol	0.173	1.73	0.000003	0.001	
alpha-Humulene	1.1516	11.516	0.000002	0.001	
alpha-Pinene	0.2574	2.574	0.000001	0.001	
alpha-Terpinene	0.0201	0.201	0.000001	0.001	
alpha-Terpinolene	0.3044	3.044	0.000004	0.001	
beta-caryophyllene	2.0206	20.206	0.000004	0.001	
beta-Pinene	0.1198	1.198	0.000002	0.001	
Camphene	0.0448	0.448	0.000001	0.001	
Caryophyllene Oxide	ND	ND	0.000011	0.001	
Eucalyptol	0.0094	0.094	0.000002	0.001	
gamma-Terpinene	0.0116	0.116	0.000002	0.001	
Geraniol	< LOQ	< LOQ	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	1.1254	11.254	0.000002	0.001	
Linalool	0.6783	6.783	0.000003	0.001	
Nerolidol	0.0292	0.292	0.000007	0.001	
Myrcene	0.3194	3.194	0.000003	0.001	
Ocimene	0.0808	0.808	0.000002	0.001	
Total Terpenes	6.3458	63.458			

Callif Den

Callie Chapman Lab Director 9/27/2024

Rev. 1 Initial Release





Certificate of Analysis

<u>.</u>

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT13448

Sample Name: Dosi Mint Sample Lot: MANU0044-136-DM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 9/20/2024 **Date Reported:** 9/27/2024 **Date Tested:** 9/26/2024



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test | D: #41187

,	J 1	3 1 7		,		
Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)	
Abamectin B1a	Pass	ND	0.10000	0.00137	0.00416	
Abamectin B1b	Pass	ND	0.10000	0.00016	0.00048	
Acephate	Pass	ND	0.10000	0.00233	0.00707	
Acequinocyl	Pass	ND	0.10000	0.02958	0.08963	
Azoxystrobin	Pass	ND	0.10000	0.00152	0.00459	
Bifenazate	Pass	ND	0.10000	0.00101	0.00306	
Bifenthrin	Pass	ND	3.00000	0.00385	0.01167	
Carbaryl	Pass	ND	0.50000	0.00156	0.00473	
Chlorpyrifos	Pass	ND	0.04000	0.00228	0.00689	
Cypermethrin	Pass	ND	1.00000	0.00898	0.02720	
Etoxazole	Pass	ND	0.10000	0.00176	0.00535	
lmazalil	Pass	ND	0.04000	0.00147	0.00446	
Imidacloprid	Pass	ND	5.00000	0.00029	0.01774	
Myclobutanil	Pass	ND	0.10000	0.00166	0.00504	
Spinosyn A	Pass	ND	0.10000	0.00104	0.00315	
Spinosyn D	Pass	ND	0.10000	0.00061	0.00185	
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *	

^{*} Pyrethrins action limit represents sum of isomers I & II



Callie Chapman Lab Director

Rev. 1 Initial Release





Certificate of Analysis

<u>.</u>

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT13448

Sample Name: Dosi Mint Sample Lot: MANU0044-136-DM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 9/20/2024 **Date Reported:** 9/27/2024 **Date Tested:** 9/25/2024



Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-0A) - Limit units: ppm | Test ID: #41188

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	0.000004	0.00050
Lead	PASS	< LOQ	1.000	0.0000190	0.00050
Mercury	PASS	< LOQ	1.500	0.0000039	0.00050





Rev. 1 Initial Release





Certificate of Analysis

•

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT13448

Sample Name: Dosi Mint Sample Lot: MANU0044-136-DM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 9/20/2024 **Date Reported:** 9/27/2024 **Date Tested:** 9/23/2024



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: #41186

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

Collif Den

Callie Chapman Lab Director 9/27/2024

Rev. 1 Initial Release

