

Certificate of Analysis

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT19886

Sample Name: Mimosalope

Sample Lot: MANU0044-186-MLOPE

Sample Matrix: Solvent Extraction Concentrates

Date Received: 4/3/2025 **Date Reported: 4/11/2025** Date Tested: 4/9/2025



Total Cannabinoids				
	%	mg/g		
Total THC:	57.814	578.142		
Total CBD:				
Total Cannabinoids:	69.819	698.194		

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

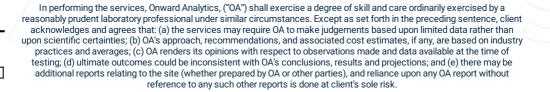
Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #64887

	Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
ı	CBC	ND	ND	0.0003	0.0040
	CBCA	2.1353	21.353	0.0002	0.0040
	CBD	< LOQ	< LOQ	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	ND	ND	0.0009	0.0040
	CBGA	1.969	19.69	0.0001	0.0040
	CBN	ND	ND	0.0004	0.0040
	CBNA	ND	ND	0.0002	0.0040
	D8 THC	ND	ND	0.0012	0.0040
	D9 THC	1.4798	14.798	0.0016	0.0049
	D10 THC	ND	ND	0.0004	0.0040
	THCA	64.2353	642.353	0.0002	0.0040
	THCV	ND	ND	0.0016	0.0049
	THCVA	< LOQ	< LOQ	0.0002	0.0040

Callie Chapman

Initial Release







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Date Received: 4/3/2025 **Date Reported:** 4/14/2025 **Date Tested:** 4/11/2025



Total Terpenes (%): 10.9989

Dominant Terpenes (%)				
Myrcene	3.9677			
beta-caryophyllene	1.8494			
Limonene	1.3523			
alpha-Pinene	1.1847			
beta-Pinene	0.6707			

Terpenes

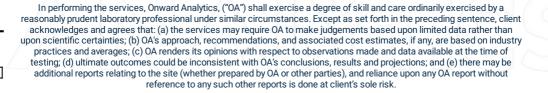
Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #64891

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.001	
alpha-Bisabolol	0.6347	6.347	0.000003	0.001	
alpha-Humulene	0.559	5.59	0.000002	0.001	
alpha-Pinene	1.1847	11.847	0.000001	0.001	
alpha-Terpinene	ND	ND	0.000001	0.001	
alpha-Terpinolene	0.0285	0.285	0.000004	0.001	
beta-caryophyllene	1.8494	18.494	0.000004	0.001	
beta-Pinene	0.6707	6.707	0.000002	0.001	
Camphene	0.0314	0.314	0.000001	0.001	
Caryophyllene Oxide	0.0789	0.789	0.000011	0.001	
Eucalyptol	0.0357	0.357	0.000002	0.001	
gamma-Terpinene	ND	ND	0.000002	0.001	
Geraniol	ND	ND	0.000008	0.003	
Guaiol	0.4279	4.279	0.000007	0.001	
Isopulegol	ND	ND	0.000005	0.001	
Isopropyl Toluene	ND	ND	0.000003	0.001	
Limonene	1.3523	13.523	0.000002	0.001	
Linalool	0.0954	0.954	0.000003	0.001	
Nerolidol	ND	ND	0.000007	0.001	
Myrcene	3.9677	39.677	0.00003	0.001	
Ocimene	0.0826	0.826	0.000002	0.001	
Total Terpenes	10.9989	109.989			



Callie Chapman Lab Director 4/14/2025

Rev. 1 Initial Release







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Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT19886

Sample Name: Mimosalope

Sample Lot: MANU0044-186-MLOPE

Sample Matrix: Solvent Extraction Concentrates

Date Received: 4/3/2025 Date Reported: 4/11/2025 Date Tested: 4/8/2025



Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-0A) - Limit units: ppm | Test ID: #64890

	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
	Mercurv	PASS	< L00	1.500	0.0000039	0.00050





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Date Received: 4/3/2025 Date Reported: 4/11/2025 Date Tested: 4/9/2025



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test ID: #64889

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
Etoxazole	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



Callie Chapman Lab Director

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Date Received: 4/3/2025 **Date Reported:** 4/11/2025 **Date Tested:** 4/10/2025



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: #64888

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 *
dditional 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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