

Certificate of Analysis

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Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT19366

Sample Name: Black Mac Sample Lot: MANU0044-177-BM

Sample Matrix: Solvent Extraction Concentrates

Date Received: 3/13/2025
Date Reported: 3/21/2025
Date Tested: 3/19/2025



Total Ca	Total Cannabinoids				
	%	mg/g			
Total THC:	64.106	641.061			
Total CBD:					
Total Cannabinoids:	74.383	743.829			

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

Potency

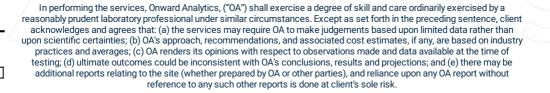
Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #63185

	Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
Ī	CBC	ND	ND	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	ND	ND	0.0009	0.0040
	CBGA	1.4316	14.316	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	1.0394	10.394	0.0016	0.0049
	D10 THC	ND	ND	0.0004	0.0040
	THCA	71.9119	719.119	0.0002	0.0040
	THCV	ND	ND	0.0016	0.0049
	THCVA	< LOQ	< LOQ	0.0002	0.0040

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Total Terpenes (%): 5.996

Dominant Terpenes (%)				
Myrcene 3.7881				
Ocimene 0.8391				
Linalool	0.4612			
Limonene	0.2333			
beta-caryophyllene	0.2297			

Terpenes

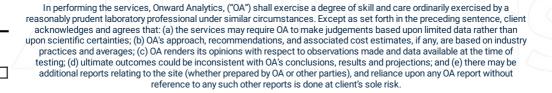
Standard terpene analysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #63189

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.001	
alpha-Bisabolol	0.0277	0.277	0.00003	0.001	
alpha-Humulene	0.0699	0.699	0.000002	0.001	
alpha-Pinene	0.0254	0.254	0.000001	0.001	
alpha-Terpinene	ND	ND	0.000001	0.001	
alpha-Terpinolene	0.1533	1.533	0.000004	0.001	
beta-caryophyllene	0.2297	2.297	0.000004	0.001	
beta-Pinene	0.0394	0.394	0.000002	0.001	
Camphene	ND	ND	0.000001	0.001	
Caryophyllene Oxide	0.0347	0.347	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	ND	ND	0.000007	0.001	
Isopulegol	ND	ND	0.000005	0.001	
Isopropyl Toluene	ND	ND	0.000003	0.001	
Limonene	0.2333	2.333	0.000002	0.001	
Linalool	0.4612	4.612	0.000003	0.001	
Nerolidol	0.0942	0.942	0.000007	0.001	
Myrcene	3.7881	37.881	0.000003	0.001	
Ocimene	0.8391	8.391	0.000002	0.001	
Total Terpenes	5.996	59.96			

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Callie Chapman Lab Director 3/21/2025

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Date Received: 3/13/2025
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Date Tested: 3/18/2025



Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-0A) - Limit units: ppm | Test ID: #63188

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





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Date Received: 3/13/2025

Date Reported: 3/21/2025

Date Tested: 3/18/2025



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test | D: #63187

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



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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: #63186

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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