

Certificate of Analysis

2

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT22124

Sample Name: GMO x Rootbeer Sample Lot: MANU0044-197-GRB

Sample Matrix: Solvent Extraction Concentrates

Date Received: 7/1/2025 **Date Reported:** 7/10/2025 **Date Tested:** 7/8/2025



Total Ca	Total Cannabinoids			
	%	mg/g		
Total THC:	65.511	655.114		
Total CBD:				
Total Cannabinoids:	76.590	765.898		

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

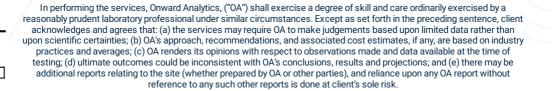
Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #72302

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	0.879	8.79	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	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.9802	19.802	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	6.9075	69.075	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	66.8231	668.231	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040

Allif Den

Callie Chapman Lab Director 7/10/2025







Certificate of Analysis

<u>.</u>

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT22124

Sample Name: GMO x Rootbeer **Sample Lot:** MANU0044-197-GRB

Sample Matrix: Solvent Extraction Concentrates

Date Received: 7/1/2025 **Date Reported:** 7/10/2025 **Date Tested:** 7/8/2025



Total Terpenes (%): 8.2733

Dominant Terpenes (%)				
beta-caryophyllene	2.2647			
Myrcene 2.0054				
Limonene	1.9173			
alpha-Humulene 0.8492				
beta-Pinene	0.2628			

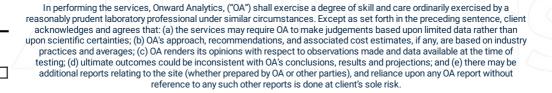
Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #72306

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.211	2.11	0.000003	0.001
alpha-Humulene	0.8492	8.492	0.000002	0.001
alpha-Pinene	0.1932	1.932	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0231	0.231	0.00004	0.001
beta-caryophyllene	2.2647	22.647	0.000004	0.001
beta-Pinene	0.2628	2.628	0.000002	0.001
Camphene	0.0423	0.423	0.000001	0.001
Caryophyllene Oxide	0.0695	0.695	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	0.00005	0.001
Isopropyl Toluene	ND	ND	0.00003	0.001
Limonene	1.9173	19.173	0.000002	0.001
Linalool	0.1559	1.559	0.00003	0.001
Nerolidol	0.0949	0.949	0.000007	0.001
Myrcene	2.0054	20.054	0.00003	0.001
Ocimene	0.184	1.84	0.000002	0.001
Total Terpenes	8.2733	82.733		

Callif Den

Callie Chapman Lab Director 7/10/2025







Certificate of Analysis

•

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT22124

Sample Name: GMO x Rootbeer **Sample Lot:** MANU0044-197-GRB

Sample Matrix: Solvent Extraction Concentrates

Date Received: 7/1/2025 **Date Reported:** 7/10/2025 **Date Tested:** 7/8/2025



Heavy Metals

PASS

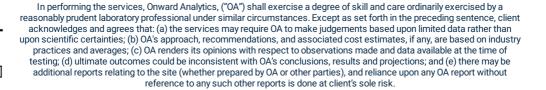
Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - Limit units: ppm | Test | D: #72305

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













Certificate of Analysis

2

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT22124

Sample Name: GMO x Rootbeer **Sample Lot:** MANU0044-197-GRB

Sample Matrix: Solvent Extraction Concentrates

Date Received: 7/1/2025 Date Reported: 7/10/2025 Date Tested: 7/2/2025



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test ID: #72304

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 7/10/2025

Rev. 1 Initial Release

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.





Certificate of Analysis

*

Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT22124

Sample Name: GMO x Rootbeer **Sample Lot:** MANU0044-197-GRB

Sample Matrix: Solvent Extraction Concentrates

Date Received: 7/1/2025 **Date Reported:** 7/10/2025 **Date Tested:** 7/8/2025



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: #72303

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

Collif Den

Callie Chapman Lab Director 7/10/2025

