

# **Certificate of Analysis**

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Client Name: Gaston Weed Company

License Number: MANU0044

Sample ID: VT13301

Sample Name: Papaya Kush Sample Lot: MANU0044-144-PPK

Sample Matrix: Solvent Extraction Concentrates

**Date Received:** 9/16/2024 **Date Reported:** 9/24/2024 **Date Tested:** 9/20/2024



### **Heavy Metals**

**PASS** 

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - Limit units: ppm | Test ID: #40690

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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Callie Chapman Lab Director 9/24/2024

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.





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Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test ID: #40689

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
Imazalil	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 *

<sup>\*</sup> Pyrethrins action limit represents sum of isomers I & II



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Date Tested: 9/18/2024



Total Cannabinoids					
% mg/g					
Total THC:	65.309	653.089			
Total CBD:					
Total Cannabinoids:	76.843	768.428			

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

### **Potency**

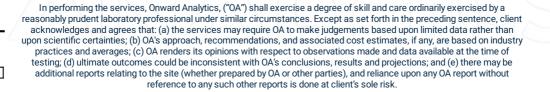
Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #40687

	Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
1	CBC	ND	ND	0.0003	0.0040
	CBCA	0.6936	6.936	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	< LOQ	< LOQ	0.0009	0.0040
	CBGA	1.3509	13.509	0.0001	0.0040
	CBN	ND	ND	0.0004	0.0040
	CBNA	ND	ND	0.0002	0.0040
	D8 THC	< LOQ	< LOQ	0.0012	0.0040
	D9 THC	1.4551	14.551	0.0016	0.0049
	D10 THC	ND	ND	0.0004	0.0040
	THCA	72.8093	728.093	0.0002	0.0040
	THCV	ND	ND	0.0016	0.0049
	THCVA	0.5339	5.339	0.0002	0.0040

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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: #40688

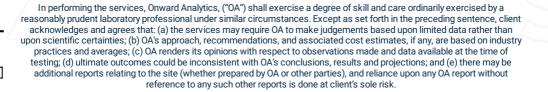
Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	4.730	14.200
Acetonitrile	Pass	< LOQ	410.000	0.480	1.450
Benzene	Pass	< LOQ	2.000	0.020	0.060
Chloroform	Pass	< LOQ	60.000	0.070	0.210
Ethanol	Pass	< LOQ	5000.000	6.010	18.040
Heptanes (total)	Pass	< LOQ	5000.000	5.950	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

<sup>\*</sup> Xylenes action limit represents sum of m,p-Xylene and o-Xylene



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### **Total Terpenes (%): 6.6169**

Dominant Terpenes (%)				
Myrcene	3.2319			
Limonene	1.0222			
beta-caryophyllene	0.9519			
alpha-Humulene	0.3899			
Linalool	0.2804			

### Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #40691

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.1419	1.419	0.000003	0.001
alpha-Humulene	0.3899	3.899	0.000002	0.001
alpha-Pinene	0.1272	1.272	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.013	0.13	0.00004	0.001
beta-caryophyllene	0.9519	9.519	0.000004	0.001
beta-Pinene	0.1337	1.337	0.000002	0.001
Camphene	0.0135	0.135	0.000001	0.001
Caryophyllene Oxide	0.035	0.35	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	< LOQ	< LOQ	0.000008	0.003
Guaiol	0.0232	0.232	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	1.0222	10.222	0.000002	0.001
Linalool	0.2804	2.804	0.000003	0.001
Nerolidol	0.1288	1.288	0.000007	0.001
Myrcene	3.2319	32.319	0.000003	0.001
Ocimene	0.1243	1.243	0.000002	0.001
Total Terpenes	6.6169	66.169		

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