



261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis



Client Name: Gaston Weed Company
License Number: MANU0044



Sample ID: VT10802
Sample Name: Raspberry Parfait
Sample Lot: MANU0044-118-RP-DAB
Sample Matrix: Solvent Extraction Concentrates
Date Received: 6/18/2024
Date Reported: 6/27/2024
Date Tested: 6/19/2024



Total Cannabinoids		
	%	mg/g
Total THC:	51.842	518.417
Total CBD:	--	--
Total Cannabinoids:	63.842	638.418

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-OA) | Test ID: #32381

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	1.8694	18.694	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	3.0191	30.191	0.0001	0.0040
CBN	ND	ND	0.0004	0.0040
CBNA	< LOQ	< LOQ	0.0002	0.0040
D8 THC	ND	ND	0.0012	0.0040
D9 THC	1.1357	11.357	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	57.8176	578.176	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040

Callie Chapman

Callie Chapman
Lab Director
6/27/2024

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Total Terpenes (%) : 10.6234

Dominant Terpenes (%)

alpha-Terpinolene	4.2689
beta-caryophyllene	1.3984
Myrcene	1.3576
Ocimene	0.7594
Limonene	0.6426

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #32385

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	0.1269	1.269	0.000002	0.002
alpha-Bisabolol	0.2408	2.408	0.000003	0.002
alpha-Humulene	0.5908	5.908	0.000002	0.002
alpha-Pinene	0.168	1.68	0.000001	0.002
alpha-Terpinene	0.1139	1.139	0.000001	0.002
alpha-Terpinolene	4.2689	42.689	0.000004	0.002
beta-caryophyllene	1.3984	13.984	0.000004	0.002
beta-Pinene	0.2757	2.757	0.000002	0.002
Camphene	ND	ND	0.000001	0.002
Caryophyllene Oxide	0.1294	1.294	0.000011	0.002
Eucalyptol	< LOQ	< LOQ	0.000002	0.002
gamma-Terpinene	0.0575	0.575	0.000002	0.002
Geraniol	ND	ND	0.000008	0.002
Guaiol	0.261	2.61	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.6426	6.426	0.000002	0.002
Linalool	0.0904	0.904	0.000003	0.002
Nerolidol	0.1421	1.421	0.000007	0.002
Myrcene	1.3576	13.576	0.000003	0.002
Ocimene	0.7594	7.594	0.000002	0.002
Total Terpenes	10.6234	106.234		

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Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: ppm** | Test ID: #32384

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
Mercury	PASS	< LOQ	1.500	0.0000039	0.00050

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Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #32383

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00944	0.03114
Abamectin B1b	Pass	ND	0.10000	0.00034	0.00113
Acephate	Pass	ND	0.10000	0.00404	0.01333
Acequinocyl	Pass	ND	0.10000	0.02821	0.09310
Azoxystrobin	Pass	ND	0.10000	0.00298	0.00983
Bifenazate	Pass	ND	0.10000	0.00129	0.00427
Bifenthrin	Pass	ND	3.00000	0.01005	0.03317
Carbaryl	Pass	ND	0.50000	0.00402	0.01325
Chlorpyrifos	Pass	ND	0.04000	0.00403	0.01329
Cypermethrin	Pass	ND	1.00000	0.01010	0.03333
Etoxazole	Pass	ND	0.10000	0.00404	0.01333
Imazalil	Pass	ND	0.04000	0.01073	0.03539
Imidacloprid	Pass	ND	5.00000	0.00401	0.01323
Myclobutanil	Pass	ND	0.10000	0.00308	0.01016
Spinosyn A	Pass	ND	0.10000	0.00312	0.01029
Spinosyn D	Pass	ND	0.10000	0.00083	0.00273
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: #32382

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	4.730	14.200
Acetonitrile	Pass	39.337	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

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