

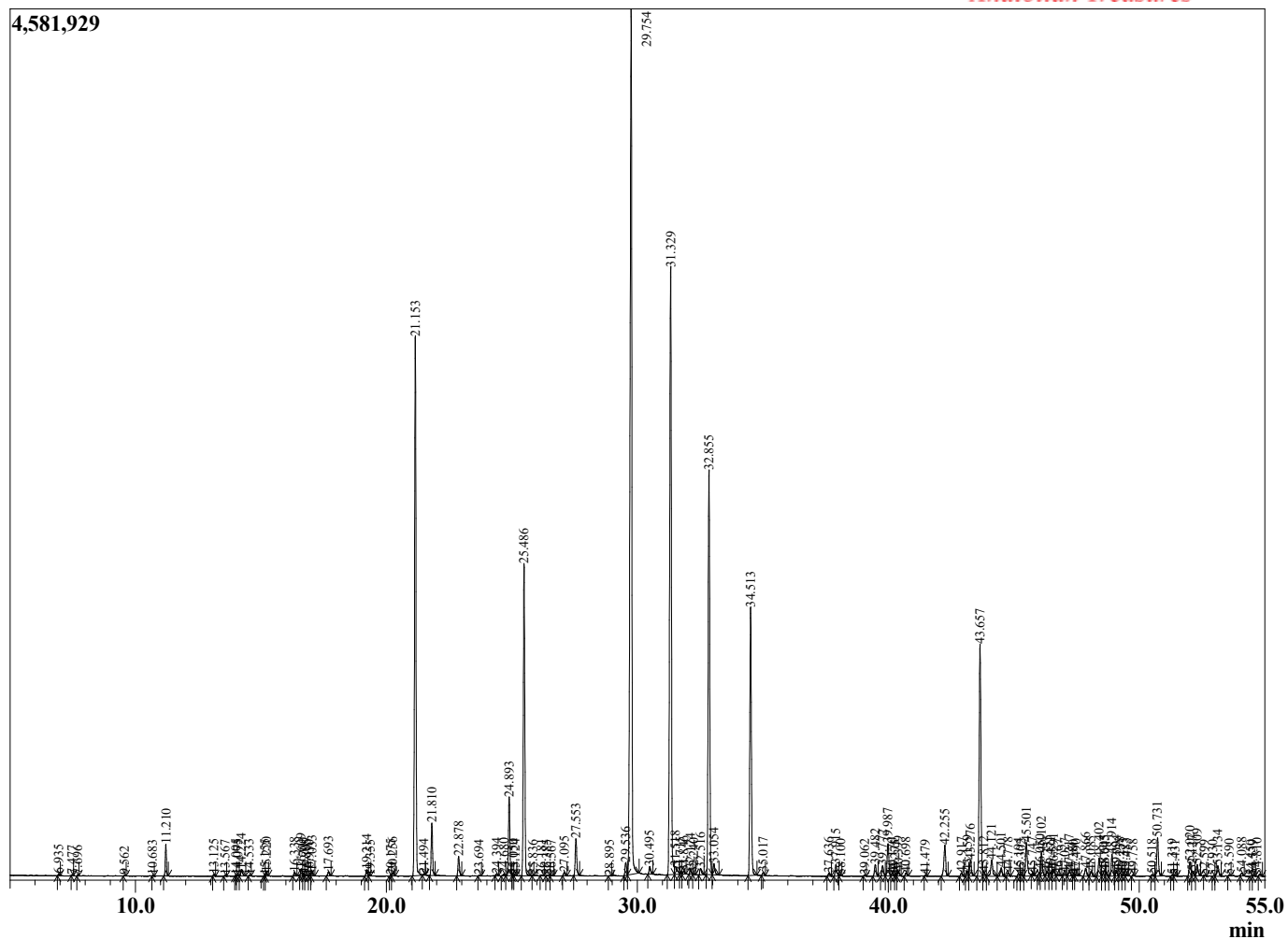
Sample Information

Sample Type : Essential Oil
 Sample Name : Pelargonium graveolens
 Injection : 0.10
 Volume :

Geranium Bourbon
 Lot# REW12-WK
 Country: Reunion



Chromatogram Pelargonium graveolens



R.Time	Name	Area%
6.935	cis-Salvene	0.03
7.477	3-Methylpentanol	0.02
7.696	Unidentified	0.01
9.562	Unidentified	0.01
10.683	Tricyclene	0.01
11.210	alpha-Pinene	0.56
13.125	Bois de Rose oxide	0.03
13.567	beta-Pinene	0.02
14.005	6-Methyl hept-5-en-2-one	0.02
14.075	Unidentified	0.03
14.224	Myrcene + Unidentified	0.18
14.533	Unidentified	0.01
15.155	Unidentified	0.02
15.220	alpha-Phellandrene	0.07
16.338	para-Cymene	0.08
16.609	Limonene	0.14
16.700	beta-Phellandrene	0.04
16.805	Unidentified	0.03
16.930	Unidentified	0.02
17.033	cis-beta-Ocimene	0.11
17.693	trans-beta-Ocimene	0.10
19.214	cis-Linalool oxide (furanoid)	0.14
19.355	Unidentified	0.02
20.175	Terpinolene	0.02
20.256	trans-Linalool oxide (furanoid)	0.08
21.153	Linalool	11.56
21.494	Unidentified	0.01
21.810	cis-Rose oxide	1.10
22.878	trans-Rose oxide	0.42
23.694	Epiphocitral A	0.02
24.394	trans-Chrysanthemal	0.04
24.680	Citronellal	0.05
24.893	Menthone	1.72
25.050	Unidentified	0.01
25.124	Unidentified	0.02
25.486	Isomenthone	6.84
25.836	Unidentified	0.00
26.181	Unidentified	0.02
26.385	Unidentified	0.01
26.567	Unidentified	0.02
27.095	Menthol	0.09
27.553	alpha-Terpineol	0.87
28.895	Unidentified	0.01
29.536	Nerol	0.30
29.754	Citronellol	23.46
30.495	Neral	0.19
31.329	Geraniol	15.56
31.518	Piperitone	0.32
31.715	Unidentified	0.05
31.846	Neomenthyl acetate	0.07
32.124	trans-Myrtenol	0.12
32.240	Unidentified	0.02
32.516	Geranial	0.16
32.855	Citronellyl formate	9.65
33.054	Neryl formate	0.30
34.513	Geranyl formate	6.29

R.Time	Name	Area%
35.017	trans-Myrtanyl acetate	0.06
37.636	alpha-Cubebene	0.07
37.915	Citronellyl acetate	0.29
38.100	Unidentified	0.02
39.062	Isoedene	0.02
39.482	alpha-Copaene	0.30
39.772	Geranyl acetate	0.26
39.987	beta-Bourbonene	0.83
40.170	alpha-Bourbonene	0.07
40.275	Unidentified	0.02
40.399	beta-Elemene	0.12
40.698	Phenethyl isobutyrate	0.07
41.479	alpha-Gurjunene	0.02
42.255	beta-Caryophyllene	0.85
42.917	beta-Copaene	0.08
43.159	trans-alpha-Bergamotene	0.11
43.276	alpha-Guaiene	0.42
43.657	6,9-Guanidiene	5.98
43.812	Isogermacrene D	0.11
44.121	trans-Murrola-4(14),5-diene	0.52
44.501	alpha-Humulene	0.22
44.778	Alloaromadendrene	0.08
45.194	Unidentified	0.07
45.302	cis-Cadina-1(6),4-diene	0.04
45.501	Geranyl propanoate	0.99
45.747	trans-Cadina-1(6),4-diene	0.03
46.050	alpha-Amorphene	0.08
46.102	Germacrene D	0.59
46.335	Unidentified	0.11
46.471	Phenethyl 2-methylbutyrate	0.10
46.591	beta-Selinene	0.18
46.767	trans-Muurolo-4(14),5-diene	0.06
47.027	alpha-Selinene	0.07
47.217	alpha-Muurolo	0.14
47.380	alpha-Bulnesene	0.01
47.490	delta-Amorphene	0.06
47.866	Geranyl isobutyrate	0.22
48.085	gamma-Cadinene	0.13
48.402	delta-Cadinene	0.46
48.605	trans-Calamenene	0.15
48.645	Zonarene	0.11
48.914	Citronellyl acetate	0.54
49.094	Furopelargone isomer	0.14
49.238	trans-Cadina-1,4-diene	0.08
49.373	Neryl butyrate	0.06
49.483	Unidentified	0.04
49.758	alpha-Calacorene	0.03
50.518	Unidentified	0.04
50.731	Geranyl butyrate	0.95
51.319	Unidentified	0.03
51.431	Unidentified	0.02
52.020	Unidentified	0.38
52.127	Caryophyllene oxide	0.12
52.309	Phenethyl tiglate	0.28
52.599	Unidentified	0.01
52.930	Unidentified	0.01
53.134	Neryl (S)-2-methylbutanoate	0.31
53.590	Geranyl 2-methylbutyrate	0.03
54.088	Unidentified	0.08
54.450	Unidentified	0.02
54.539	Citronellyl valerate	0.02
54.810	Cubenol analogue	0.06

R.Time	Name	Area%
55.649	1,10-di-epi-Cubenol	0.04
55.868	Unidentified	0.02
56.359	Unidentified	0.07
56.505	Unidentified	0.01
56.545	Unidentified	0.01
56.837	Citronellyl tiglate	0.13
57.962	Citronellyl hexanoate isomer	0.04
58.520	Neryll tiglate	0.02
58.730	Geranyl tiglate	1.12
59.704	Geraniol hexanoate	0.06
61.630	Unidentified	0.02
		100.00