



Appalachian Valley
Natural Products
Anatolian Treasures

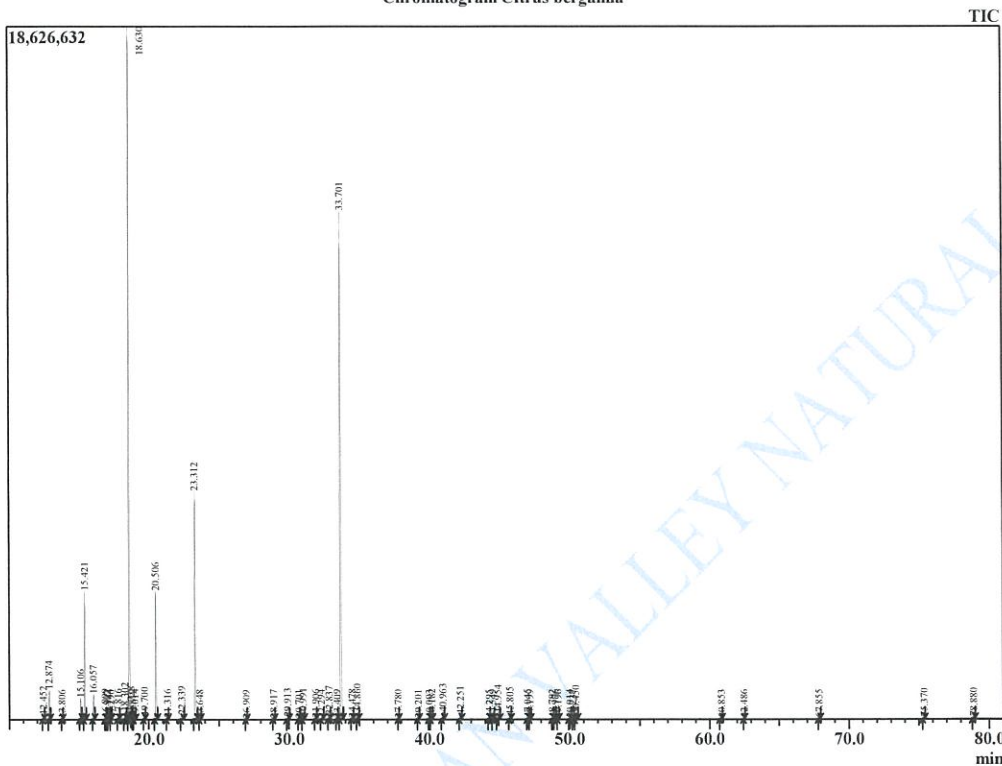
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Bergamot
(Citrus bergamia)
Lot# ITZ15-ZY
Country: Italy

Sample Information

Analyzed : 3/12/2018 11:44:05 PM
Sample Type : Essential Oil
Sample Name : Citrus bergamia
Injection Volume : 0.10

Chromatogram Citrus bergamia



Peak Report TIC		
R. Time	Name	Area%
12.452	alpha-Thujene	0.16
12.874	alpha-Pinene	1.27
13.806	Camphene	0.02
15.106	Sabinene	0.97
15.421	beta-Pinene	6.02
16.057	Myrcene	1.14
16.899	Octanal	0.06
16.992	Pseudolimonene	0.02
17.144	alpha-Phellandrene	0.02
17.290	delta-3-Carene	0.02
17.816	alpha-Terpinene	0.07
18.302	para-Cymene	0.36
18.630	Limonene	37.05
18.728	beta-Phellandrene	0.03
18.819	1,8-cineole	0.01
19.014	cis-beta-Ocimene	0.04
19.700	trans-beta-Ocimene	0.14
20.506	gamma-Terpinene	6.48
21.316	trans-Sabinene hydrate + cis-Linalool oxide (f	0.06
22.339	Terpinolene	0.22
23.312	Linalool	12.54
23.648	Nonanal	0.02
26.909	Citronellal	0.01
28.917	Terpinen-4-ol	0.02
29.913	alpha-Terpineol	0.11
30.701	Decanal	0.02
30.991	Octyl acetate	0.12
31.906	Nerol	0.06
32.294	Unidentified	0.02
32.837	Neral	0.21
33.409	Unidentified	0.04
33.701	Linalyl acetate	30.31
34.478	Unidentified	0.06
34.860	Geranial	0.35
37.780	Nonyl acetate	0.01
39.201	Linalool propionate	0.02
40.003	Unidentified	0.01
40.182	alpha-Terpinyl acetate	0.07
40.963	Neryl acetate	0.39
42.251	Geranyl acetate	0.24
44.295	Unidentified	0.02
44.549	cis-alpha-Bergamotene	0.02
44.954	beta-Caryophyllene	0.33
45.805	trans-alpha-Bergamotene	0.19
47.045	trans-beta-Farnesene	0.03
47.199	alpha-Humulene	0.02
48.782	Germacrene D	0.03
48.976	Unidentified	0.02
49.196	Unidentified	0.02
50.014	alpha-Bisabolene	0.02
50.237	(E,E)-alpha-Farnesene	0.02
50.450	beta-Bisabolene	0.27
60.853	alpha-Bisabolol	0.02
62.486	Hemianin	0.02
67.855	Unidentified	0.02
75.370	Citropten	0.07

R.Time	Name	Area%
78.880	Isobergapten	0.10
		100.00