

Myrtle Oil Analysis

Product:	Myrtle
INCI Name:	Myrtus Communis Oil
Country of Origin:	Tunisia
Botanical part:	Leaf
Botanical Name:	Myrtus communis L
CAS Number:	8008-46-6

Characteristics:

Appearance:

Colour:

Odour:

Relative Density (gr/ml) @ 20°C:

Refractive Index @ 20°C:

Requirement

Clear liquid

Amber-yellow to orange

Camphoraceous, sweet-herbaceous

0873 – 0.920

1.463 – 1.470

Result

Conforms

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0.882

1.465

GC/MS/FID Analysis (%):

1	α -Pinene	51.14
2	1,8-Cineole	22.67
3	Limonene	7.27
4	Linalool & Linalyl Acetate	2.42
5	Geranyl Acetate	1.99
6	α -terpineol	1.47
7	p-Cymene	1.20
8	γ -Terpinene	0.85
9	β - Caryophyllen e	0.67
10	β -Pinene	0.53
11	Methyl Eugenol	0.44
12	Geraniol	0.27
13	Myrcene	0.26
14	Methyl Chavicol	0.17

15	Camphene	0.05
16	Neryl Acetate	0.02
Total		91.42