

Thyme Red Oil Analysis

Product:	Thyme Red Thymol Type Essential Oil
INCI Name:	Thymus Vulgaris (Thyme) Flower/Leaf Oil
Country of Origin:	Spain
Botanical part:	Flower/Leaf
Botanical Name:	Thymus vulgaris L..
CAS Number:	84929-51-1 / 8007-46-3

Characteristics:

	Requirement	Result
Appearance:	Clear liquid	Conforms
Colour:	Almost colourless to Brownish-red	Conforms
Odour:	Herbaceous, rustic	Conforms
Relative Density (gr/ml) @ 20°C:	0.910 – 0.937	0.927
Refractive Index @ 20°C:	1.494 – 1.504	1.501

GC/MS/FID Analysis (%):

1	Thymol	47.86
2	p-Cymene	16.40
3	γ -Terpinene	9.36
4	Linalool	4.52
5	Carvacrol	4.39
6	β -Caryophyllene	1.97
7	β -Myrcene	1.80
8	Borneol	1.73
9	Terpinene-4-ol	1.44
10	α -Terpinene	1.26
11	Camphene	1.10
12	α -Pinene	1.07
13	α -Thujene	0.75
14	Methyl Carvacrol Ether	0.27
15	trans-Thuyanol	0.18
Total		94.10