

Rose Absolute Oil Analysis

Product:	Rose Absolute Oil
INCI Name:	Rosa Damascena Flower Extract
Country of Origin:	Turkey
Botanical part:	Flower
Botanical Name:	Rosa damascene Mill.
CAS Number:	90106-38-0

Characteristics:

Appearance:

Colour:

Odour:

Specific Gravity (gr/ml) @ 20°C:

Refractive Index @ 20°C:

Requirement

Viscous liquid

Orange-red

Deep rose odour with honey-like undertone

0.965 – 0.990

1.490 – 1.515

Result

Conforms

Conforms

Conforms

0.984

1.513

GC/MS/FID Analysis (%):

1	Phenylethyl Alcohol	62.66
2	Citronellol	7.50
3	Geraniol	3.93
4	Nonadecane	2.24
5	Nonadecene	1.63
6	Nerol	1.58
7	Methyl Eugenol	0.80
8	Benzyl Alcohol	0.78
9	Ethanol	0.76
10	Eugenol	0.74
11	Heneicosane	0.39
12	Tricosan	0.29
13	β -Caryophyllene	0.21
14	Phenylethyl Acetate	0.18
15	Geranyl Acetate	0.15
16	α -Pinene	0.05
17	Linalool	0.04
18	Limonene	0.02
19	Rose oxide 1	0.02
20	Myrcene	0.02