



NHR ORGANIC OILS  
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## *Certificate of Analysis & Gas Chromatography* **Organic Jasmine Essential Oil** *(Jasminum grandiflorum)*

Botanical name :	Jasminum grandiflorum L
Commercial name :	Organic Jasmine oil
Batch number :	300125-7
Geographical origin :	Egypt

### **Physical and chemical data :**

	<b>Standards</b>	<b>Results of analysis</b>
<b>Appearance</b>	Clear and mobile liquid	Conform
<b>Colour</b>	Slightly yellow to light yellow	Conform
<b>Odour</b>	Fresh, sweet, characteristic	Conform
<b>Specific gravity at 20°C</b>	0.920 to 0.970	0.9470
<b>Refractive index at 20°C</b>	1.475 to 1.495	1.4860
<b>Optical rotation at 20°C</b>	0° to +10°	+4.00°
<b>Flash point</b>	+90°C to +110°C	

### **Table of components :**

<b>Components</b>	<b>Contents</b>
6-Methyl-5-hepten-2-one	0.03%
Limonene	0.05%
Benzyl Alcohol	0.02%
Cis-beta-ocimene	0.05%
Linalool	9.78%
Benzyl Acetate	15.09%
Alpha-terpineol	1.18%
Geraniol	0.79%
Eugenol	1.18%
Cis-Jasmone	8.06%
Alpha-(Z,E)-Farnesene	1.13%
(3E,6E)-Alpha-Farnesene	7.73%
Cis-3-Hexenyl-Benzoate	4.07%
3-Hexyl Benzoate	0.15%
Benzyl Benzoate	21.89%
Neophytadiene	0.42%
Perhydrofarnesyl Acetone	0.18%
Methyl Palmitate	2.97%
Isophytol	9.64%
3,7,11,15-Tetramethylhexadeca-1,6,10,14-tetraen-3-ol	5.21%
Methyl linoleate	3.88%
Phytol	1.27%
Phytol Acetate	1.73%
<b>TOTAL</b>	<b>96.50%</b>