



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Non-Certified Jasmine Absolute (*Jasminum grandiflorum*)

1) GENERAL INFORMATION

Name: ABSOLUTE JASMINE EGYPT
Batch number 070323-1
Botanical source: *Jasminum grandiflorum* L.
Status: Stemming From Organic Agriculture

2) PHYSICAL PROPERTIES

Test	Analysis method	Result
1 Physical state	Visual inspection	Brown orange liquid
2 Odour	Manual	Fruity, floral
3 Solubility in water	Manual	Insoluble
4 Solubility in alcohol	Manual	Soluble in 5 vol. of ethyl alcohol 96% vol.
5 Specific gravity @20°C	Densimeter 30PX (Mettler-Toledo)	0.95
6 Refractive index @20°C	Refractometer 30GS (Mettler Toledo)	1.493
7 Optical rotation @20°C	Kruss P1000-LED	n/a
8 Flash point	Closed cup	80°C

3) CHROMATOGRAPHIC VALUES OF THE VOLATILE COMPONENTS OF THE OIL (in %) (Agilent 6890 GC-FID and/or Agilent 78904 GC/5977A MSD)

Components	%	Allergen %
1 Benzyl alcohol	0.70	0.70
2 Linalool	3.38	3.38
3 Benzyl acetate	14.31	
4 Indole	0.56	
5 Eugenol	1.46	1.46
6 (Z)-Jasmone	3.08	
7 (E)-Isoeugenol	0.22	0.22
8 (E)-Jasmone	n.d.	
9 (E)-Jasminlactone	0.74	
10 (E,E)- α -Farnesene	2.73	
11 Nerolidol	0.14	
12 (Z)-3-Hexenyl benzoate	1.28	
13 Methyl N-acetoanthranilate	0.39	
14 Methyl jasmonate	0.97	

Components	%	Allergen %
15 Benzyl Benzoate	8.61	8.61
16 Neophytadiene	2.61	
17 Phytone	0.74	
18 Benzyl salicylate	0.59	0.59
19 3,7,11,15-Tetramethyl-2-hexadecen-1-ol	1.12	
20 Methyl palmitate	1.34	
21 Isophytol	6.19	
22 Geranyl linalol	3.22	
23 Methyl linolenate	3.61	
24 Phytol	8.45	
25 Phytol, acetate	4.86	
26 Squalene	4.39	
27 2,3-Oxidosqualene	10.40	
n.d. not detected		

Total Allergen % according to European restriction (SCCNFP/0017/98 December 1999)

14.96