



NHR ORGANIC OILS
24 CHATHAM PLACE, BRIGHTON, BN1 3TN, UK
+44 (0)1273 746505 info@nhrorganicoils.com www.nhrorganicoils.com

Certificate of Analysis Sheet **Organic Non-Certified Rose Absolute** *(Rosa damascena)*

1) GENERAL INFORMATION	
Name:	ABSOLUTE ROSE DAMASCENA EGYPT
Batch number	070323-2
Botanical source:	<i>Rosa damascena</i> Mill.
Status:	Stemming From Organic Agriculture

2) PHYSICAL PROPERTIES	
1- Physical state:	Brown orange liquid.
2- Odour:	Powerful and characteristic of fresh roses, sweet, and somewhat honey-like.
3- Solubility in water:	Insoluble
4- Solubility in alcohol:	Soluble
5-Specific gravity @20°C:	0.977
6-Refractive index @20°C:	1.511
7- Optical rotation @20°C:	n/a
8- Flash point:	>100°C

3) CHROMATOGRAPHIC VALUES OF THE VOLATILE COMPONENTS OF THE ABSOLUTE (in %)

Components	%
1- Benzyl alcohol	1.00
2- Phenylethyl alcohol	71.42
3- Linalool	0.01
4- Nerol	0.30
5- Citronellol	11.75
6- Neral	4.11

Components	%
7- Citronellyl acetate	0.10
8- Geranyl acetate	0.70
9- Methyl eugenol	0.50
10- Farnesol (E-E)	0.84
11- Nonadecene-1	1.48
12- Nonadecane	3.97
n.d. = not detected	

NB: this absolute is made of approximately 10% non-volatile components which are unidentified fatty acids and their esters probably.