BOTANICESSENCE Essential Oils 88/287 On Nut 46, Suanlung Suanlung, Bangkok 10250 Thailand.

BOTANICESSENCE

Tel: +66 (0) 87 9741994 E-Mail: botanicessence@yahoo.com Online purchase http://www.botanicessence.com

TECHNICAL INFORMATIONS (SPEC/COA/GC)

Product Name : Rose Absolute RESULT

Botanical Name : Rosa damascena

Description : Orange-red with floral rosy odour <u>COMPLIES</u>

Specific Gravity (20° C) : 0.9808

Refractive Index (20° C) : 1.5111

Shelf Life : 24 Months

MAIN CONSTITUENTS - GC Analysis

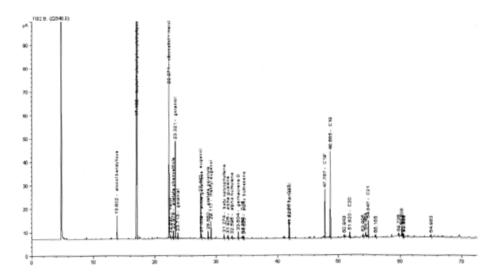
Phenyl ethyl alcohol	62.31%	6. Nerol	1.86%
2. Citronellol	9.03%	7. Benzyl alcohol	0.96%
3. Nonadecane + Alken (C19)	6.43%	8. Heptadecane (C17)	0.88%
4. Geraniol	4.30%	9. Heneicosane (C21)	0.80%
5. Eugenol	2.41%	10. Methyl eugenol	0.78%

Instrument : GC 6890 MS 5973

 $\textbf{Column} \hspace{1.5cm} : \hspace{.5cm} DB1 \hspace{.1cm} 60m \hspace{.1cm}^* \hspace{.1cm} 0.25mm \hspace{.1cm}^* \hspace{.1cm} 0.25\mu m$

Carrier gas : Helium

Oven : 70°C – 3°C/min – 250°C for 20 min.



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Customers are advised to determine in advance the safe conditions for use of this product.

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TR FID	Compound	% GC/FID
	alpha pinene	Tr
	delta 3 carene	Tr
	beta pinene	Tr
	beta myrcene	Tr
13.802	alcool benzylique	0,96
	limonene	Tr
17.102	linalol	0,13
	alcool phenylethylique	62,31
	rose oxyde 1/2	Tr
	rose oxyde 2/2	Tr
	4 terpinenol	Tr
22.2271	citronellol	9,03
	nerol	1,86
22.537	neral	0,14
22.978	acetate phenylethyle	0,36
23.321	geraniol	4,3
23.713	geranial	0,25
27.442	eugenol	2,41
27.559	acide geranique	0,22
28.650	acetate geranyle	0,32
29.117	methyl eugenol	0,78
31.274	beta caryophyllene	0,22
31.926	alpha guaiene	0,16
32.596	alpha humulene	0,13
33.604	germacrene D	0,31
34.360	C15	0,21
34.526	bulnesene alpha	0,13
41.861	C17	0,88
41.920	trans farnesol	0,49
	benzyle benzoate	Tr
	C18	Tr
47.767	C19'	2,37
48.655	C19	4,06
51.820	C20	0,27
54.847	C21	0,80
	total	93,10

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