



ANALYTICAL CERTIFICATE

№ 1106 / 25.06.2013

Test samples: BULGARIAN ROSE OIL  
The 2013's Crop

Producer: "INA" LTD – Bulgaria.

PHYSICO-CHEMICAL PROPERTIES ACCORDING BULGARIAN STATE STANDARD

Appearance Fluid transparent liquid above the congealing point  
Colour Yellow  
Odour Typical of Rose Oil

Characteristic components (by GC-MS-analysis), %

1	Ethanol	0.79
2	cis-Rose oxide	0.19
3	trans-Rose oxide	0.11
4	$\beta$ -Linalool	0.77
5	Citronellol	25.85
6	Nerol	10.45
7	Geraniol	23.28
8	b-Phenyl ethanol	0.87
9	Heptadecane (parafine C17)	1.68
10	Methyleugenol	1.38
11	Nonadecane - alkan C19	9.50
12	AlkenC19	4.91
13	Eugenol	1.65
14	Eicosane (parafine C20)	1.26
15	Heneicosane (parafine C21)	5.14
16	Farnesol	1.74
17	Parafine C22	0.13
18	Parafine C24	1.03

CONCLUSION:

THE TESTED SAMPLES HAS THE PHYSICO-CHEMICAL PROPERTIES OF THE PURE GENUINE NATURAL BULGARIAN ROSE OIL, CORESPONDING TO THE NORMS OF BULGARIAN STATE STANDARD.

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