



ANALYTICAL CERTIFICATE

№ 924 / 21.06.2012

Test samples: BULGARIAN ROSE OIL
The 2012'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	Citronellol	23,51
2	Geraniol	25,22
3	Nerol	10,72
4	Phenylethyl alcohol	0,98
5	Methyleugenol	1,09
6	Eugenol	1,23
7	Ethanol	0,38
8	Linalool	0,71
9	Farnesol	1,98
10	cis-Rose Oxide	0,22
11	trans-Rose Oxide	0,12
12	Heptadecane (parafine C17)	1,90
13	Nonadecane (parafine C19)	11,25
14	AlkenC19	4,44
15	Eicosane (parafine C20)	1,10
16	Heneicosane (parafine C21)	5,09
17	Parafine C22	0,13
18	Parafine C24	1,02

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.

LABORATORY ASSITANT: *[Signature]*
(surname ; signat re)

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(surname ; signat re)

