



ANALYTICAL CERTIFICATE

№ 1011 / 18.06.2014

Test samples: BULGARIAN ROSE OIL

Batch RO 2014 BIO

Producer: "INA" LTD – Bulgaria.

PHYSICO-CHEMICAL PROPERTIES ACCORDING BULGARIAN STATE STANDARD

Appearance	Fluid transparent liquid above the congealing point
Colour	Yellow
Odour	Typical of Bulgarian Rose Oil
Characteristic components (by GC-MS-analysis), %	
1 Ethanol	0,18
2 cis-Rose oxide	0,27
3 trans-Rose oxide	0,14
4 β -Linalool	1,23
5 Citronellol	28,17
6 Nerol	10,31
7 Geraniol	24,91
8 b-Phenyl ethanol	0,70
9 Heptadecane (parafine C17)	1,69
10 Methyleugenol	2,01
11 Nonadecane – alkan C19	8,94
12 Nonadecene - alkenC19	4,89
13 Eugenol	1,19
14 Eicosane (parafine C20)	1,00
15 Heneicosane (parafine C21)	4,30
16 Farnesol	1,84
17 Parafine C22	0,11
18 Parafine C24	1,00

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:
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