

ANALYTICAL CERTIFICATE

№ 602/14.06.2018

Test samples: BULGARIAN ROSE OIL

Batch 1/2018

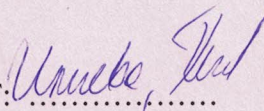
Producer: "LEMA" LTD – Bulgaria


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	1.89
2 cis-Rose oxide	0.24
3 trans-Rose oxide	0.14
4 β -Linalool	0.92
5 Citronellol	31.17
6 Nerol	8.50
7 Geraniol	16.22
8 Geranyl acetate	0.99
9 β -Phenyl ethanol	1.02
10 Heptadecane (parafine C17)	1.84
11 Methyleugenol	1.67
12 Nonadecane - (alkan C19)	11.78
13 Nonadecene - (alken C19)	4.87
14 Eugenol	1.45
15 Eicosane (parafine C20)	1.13
16 Heneicosane (parafine C21)	5.35
17 Farnesol	1.33
18 Tricosane (alkan C23)	0.85

CONCLUSION:

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

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