



National Laboratory Bul Rose Ltd

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ANALYTICAL CERTIFICATE

№1787/14.06.2019

Test samples: ROSE OIL
Batch OROGH 1/2019
Producer: "GALEN-N" 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	0.36
2 cis-Rose oxide	0.20
3 trans-Rose oxide	0.04
4 β -Linalool	2.96
5 Citronellol	22.22
6 Nerol	11.57
7 Geraniol	23.30
8 Geranyl acetate	0.85
9 β -Phenyl ethanol	0.81
10 Heptadecane (parafine C ₁₇)	1.79
11 Methyleugenol	1.48
12 Nonadecane - (alkan C ₁₉)+ Nonadecene - (alken C ₁₉)	15.10
13 Eugenol	1.15
14 Eicosane (parafine C ₂₀)	0.93
15 Heneicosane (parafine C ₂₁)	4.62
16 Farnesol	2.23
17 Tricosane (alkan C ₂₃)	1.23

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.

LABORATORY ASSISTANT: 
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