



ANALYTICAL CERTIFICATE

Test samples: ROSE OIL

Customer: "BULGARIAN ROSA DAMASCENA" 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	0.78
2	cis-Rose oxide	0.16
3	trans-Rose oxide	0.07
4	β -Linalool	1.37
5	Citronellol	22.72
6	Nerol	10.36
7	Geraniol	20.97
8	β -Phenyl ethanol	1.60
9	Heptadecane (parafine C ₁₇)	1.93
10	Methyleugenol	0.93
11	Nonadecane - (alkan C ₁₉)	8.65
12	Nonadecene - (alken C ₁₉)	8.38
13	Eugenol	1.72
14	Eicosane (parafine C ₂₀)	1.46
15	Heneicosane (parafine C ₂₁)	6.44
16	Farnesol	1.62
17	Parafine C ₂₂	0.17
18	Parafine C ₂₃	1.37

CONCLUSION:

THE TESTED SAMPLES CORRESPONDING TO THE NORMS OF BULGARIAN STATE STANDARD

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