

Analytical Certificate

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Test samples Bulgarian Rose Oil

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	0,25
2	cis-Rose oxide	0,25
3	trans-Rose oxide	0,12
4	β -Linalool	1,01
5	Citronellol	32,10
6	Nerol	9,04
7	Geraniol	17,74
8	Geranyl acetate	0,97
9	β -Phenyl ethanol	1,85
10	Heptadecane (parafine C17)	2,07
11	Methyleugenol	1,22
12	Nonadecane (alkan C19)	14,37
13	Nonadecene (alken C19)	2,28
14	Eugenol	1,15
15	Eicosane (parafine C20)	1,18
16	Heneicosane (parafine C21)	5,46
17	Farnesol	1,62
18	Triconsane (alkan C23)	1,10

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.