



ANALYTICAL CERTIFICATE

№ 669/21.06.2018

Test samples: BULGARIAN ROSE OIL

Batch INA 2018

Producer: "I NA" 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	1.82
2	cis-Rose oxide	0.16
3	trans-Rose oxide	0.10
4	$\beta$ -Linalool	0.93
5	Citronellol	26.67
6	Nerol	11.15
7	Geraniol	21.53
8	Geranyl acetate	1.33
9	$\beta$ -Phenyl ethanol	1.15
10	Heptadecane (parafine C17)	1.88
11	Methyleugenol	1.59
12	Nonadecane - (alkan C19)	12.11
13	Nonadecene - (alken C19)	3.95
14	Eugenol	1.77
15	Eicosane (parafine C20)	1.19
16	Heneicosane (parafine C21)	4.94
17	Farnesol	1.53
18	Tricosane (alkan C23)	0.86

LABORATORY ASSISTANT

(surname ; signature)

HEAD OF LABORATORY

(surname ; signature)

