



National Laboratory Bul Rose Ltd

14, Stancionna Str, 5300 Gabrovo, Bulgaria, tel. +359 66 817 346, fax: +359 66 817 349

ANALYTICAL CERTIFICATE

№ 1467 / 09.08.2013

Test samples: BULGARIAN LAVENDER OIL - CONVENTIONAL

Batch 2013

Producer: "INA" LTD – Bulgaria

PHYSICO-CHEMICAL PROPERTIES ACCORDING BULGARIAN STATE STANDARD

Appearance Fluid transparent liquid
Colour Pale yellow
Odour Typical of Lavender Oil

Characteristic components (by GC-FID-MS-analysis), %

1	α -Pinene	0.28
2	Camphene	0.24
3	β -Pinene	0.12
4	β -Myrcene	0.97
5	Limonene	0.50
6	cis- β -Ocimene	7.35
7	β -phellandrene	0.33
8	1,8-cineole	0.93
9	trans- β -Ocimene	3.38
10	3-Octanone	0.54
11	1-Octen-3-yl-acetate	1.05
12	1-Octen-3-ol	0.19
13	Hexyl butyrate	0.31
14	Linalool	27.75
15	Camphor	0.33
16	Linalyl acetate	34.43
17	Terpinen-4-ol	3.88
18	Lavandulyl, acetate	2.45
19	Lavandulol	0.52
20	α -Terpineol	1.46
21	Borneol	0.80
22	β -caryophyllene	3.79

CONCLUSION:

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

LABORATORY ASSISTANT: *A. Traeva*
(surname ; signature)

HEAD OF LABORATORY: *[Signature]*
(surname ; signature)