



# National Laboratory Bul Rose Ltd

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## ANALYTICAL CERTIFICATE

№ 1163 / 13.06.2016

Test samples: **BULGARIAN ROSE DAMASCENA WATER**

Batch **T' 16**

Production time: **May/ June 2016**

Producer: **"ENIO BONCHEV PRODUCTION" LTD - Bulgaria.**

### TEST RESULTS:

1	Appearance	Transparent liquid
2	Colour	Colourless
3	Odour	Of rose flowers
4	Content of Essential oil, % (m/m)	0,086
5	Content of Ethyl alcohol, % (v/v)	1.76
6	Relative density $d_{20}^{20}$	0,9974
7	pH (direct) 20°C	5,9
8	Heavy metals tests, mg/dm <sup>3</sup> (ppm):	
	- Lead - Pb	Not detectable (< DL)
	- Cadmium - Cd	Not detectable (< DL)
	- Cuprum - Cu	Not detectable (< DL)
	- Arsenic - As	Not detectable (< DL)
	- Mercury - Hg	Not detectable (< DL)
9	Microbiological tests:	
	- Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	< 10
	- Pathogeneous & conditionally pathogeneous germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E.coli, Candida albicans	None

NOTE : Ethyl alcohol is a natural component of the Natural Rose Water and has obtained during the distillation process of the rose flowers.

THE RESULTS OF THE ANALYSIS SHOW THAT THE TESTED SAMPLE HAS THE PHYSICO-CHEMICAL PROPERTIES OF THE PURE NATURAL .BULGARIAN ROSE DAMASCENA WATER T' 16 , CORRESPONDING TO THE REQUIREMENTS OF BULGARIAN STATE STANDARD.

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(surname ; signature)

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