

Production of rose oil, rose water, perfume essences, souvenirs based on rose oil and rose water.
ROSES DISTILLERY "LEMA". Southern roundabout. Railroad "Arsenal"

**CERTIFICATE OF ANALYSIS AND QUALITY
BULGARIAN ROSE OIL (ROSA DAMASCENA)
08/08.07.2015**

TEST SAMPLE : BULGARIAN ROSE OIL (ROSA DAMASCENA), BATCH 2015

PRODUCER: LEMA – M. TODOROV, KAZANLAK, BULGARIA

**GASCHROMATOGRAPHIC PROFILE
ACCORDING TO: ISO 9842:2003, ISO 11024-1:2000, ISO 11024-2:2000.**

Nº	Chemical components	Results of Test Sample, %	Index according to ISO 9842, %
<i>Gaschromatographic profile,%</i>			
1	<i>ethanol</i>	0.51	Max 2,0
2	<i>citronelol+nerol</i>	32.00	From 25,00 to 46,00
3	<i>geraniol</i>	20.60	From 15,00 to 22,00
4	<i>β phenylethil alcohol</i>	0.32	Max 3,50
5	<i>Eugenol</i>	0.70	-
6	<i>Methyleugenol</i>	0.40	-
7	<i>heptadecane (C₁₇)</i>	3.73	From 1,00 to 2,50
8	<i>nonadecane (C₁₉)</i>	11.73	From 8,00 to 15,00
9	<i>heneicosane (C₂₁)</i>	5.25	From 3,00 to 5,50
10	<i>β cariofilen</i>	0.70	-

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The measured results comply with standard ISO 9842: 2003
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MANAGER:
Dr. M. Todorov

