



**“Komihris” Analytical Centre for Laboratory Tests**

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**Certificate of accreditation № 134/ИИ / 09.11.2022, valid until 16.07.2025,**

**issued by EA BSA, according to БДС EN ISO/IEC 17025:2018**

**TEST REPORT**

**№ RA56451 / 24/06/2024**

1. **Product name:** Essential oils - Rose oil, Date of manufacture May 2024
2. **Test applicant:** Lema Essential Oils Ltd., c. Kazanlak Bulgaria , Request/21.06.2024
3. **Test method:** БДС ISO 11024-1\*:2000, БДС ISO 11024-2\*:2000
4. **Method of obtaining specimens / samples for testing in the laboratory:** by the applicant by courier
5. **Date of receiving the specimens / samples for testing in the laboratory:** 21/06/2024
6. **Quantity of tested specimens / samples, packaging:** 1 pc x 1 ml, user
7. **Lab. No / sample code:** RA56451
8. **Test date / period:** 21/06/2024–24/06/2024

**ACLT MANAGER:** Gergana Vasileva

  
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**RESULTS FROM TESTS – Test report RA56451 / 24/06/2024**

№ in seq.	Laboratory № of the sample	Type of test/ characteristic	Methods standardized validated internal methods	Unit of measurement	Test results	Uncertainty	Value and tolerance of the characteristic	Testing conditions
1	2	3	4	5	6	7	8	9
1	RA56451	2-Phenylethyl alcohol	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	1,20	0,15	-	t 20± 2°C ; rh 36% ± 2%
2	RA56451	Citronellol	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	21,22	2,15	-	t 20± 2°C ; rh 36% ± 2%
3	RA56451	Docosane(C22)	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	0,14	0,02	-	t 20± 2°C; rh 36% ± 2%
4	RA56451	Ethanol	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	0,83	0,09	-	t 20± 2°C ; rh 36% ± 2%
5	RA56451	Eugenol	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	1,10	0,11	-	t 20± 2°C ; rh 36% ± 2%
6	RA56451	Farnesol	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	2,24	0,24	-	t 20± 2°C ; rh 36% ± 2%
7	RA56451	Geraniol	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	22,16	2,30	-	t 20± 2°C ; rh 36% ± 2%
8	RA56451	Geranyl acetate	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	0,93	0,08	-	t 20± 2°C ; rh 36% ± 2%
9	RA56451	Linalool	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	1,92	0,20	-	t 20± 2°C ; rh 36% ± 2%
10	RA56451	Methyleugenol	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	1,02	0,11	-	t 20± 2°C ; rh 36% ± 2%
11	RA56451	Nerol	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	9,93	0,99	-	t 20± 2°C ; rh 36% ± 2%
12	RA56451	n-Eicosane	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	1,01	0,13	-	t 20± 2°C ; rh 36% ± 2%
13	RA56451	n-Heneicosane(C21)	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	5,09	0,44	-	t 20± 2°C; rh 36% ± 2%
14	RA56451	n-Heptadecane (C 17)	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	2,67	0,30	-	t 20± 2°C ; rh 36% ± 2%
15	RA56451	n-Nonadecane (C19)	БДС ISO 11024-1*:2000, БДС	%	13,40	1,02	-	t 20± 2°C ; rh 36% ± 2%

**Test performed by:** Ekaterina Gechkova

**ACLT MANAGER:** Gergana Vasileva




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No in seq.	Laboratory No of the sample	Type of test/ characteristic	Methods standardized validated internal methods	Unit of measurement	Test results	Uncertainty	Value and tolerance of the characteristic	Testing conditions
1	2	3	4	5	6	7	8	9
			ISO 11024-2*:2000					
16	RA56451	n-Tetracosane	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	0,050	0,004	-	t 20°± 2°C ; rh 36% ± 2%
17	RA56451	n-Tricosane(C23)	БДС ISO 11024-1*:2000, БДС ISO 11024-2*:2000	%	1,08	0,11	-	t 20°± 2°C; rh 36% ± 2%

Note: The essential oil sample is analyzed by gas chromatography in accordance with ISO 7609. Additional information on operating conditions that affect test results can be provided upon request.

**NOTES**

1. The test results apply only to the tested samples. Extracts from the test report may not be reproduced without the written consent of the testing laboratory;
2. ACLT is not responsible for the accuracy of the information in cases where it is provided by the client;
3. Standardized test methods are part of the flexible scope of ACLT accreditation;
4. \* Within its competence, ACLT is authorized to determine all the characteristics of the marked test method, belonging to the products group, after verification, CRM / RM availability and calibrated technical means;
5. \*\* Repealed standard without replacement;
6. ACLT does not report a declaration of conformity and does not express opinions and interpretations in accordance with item 7.8.6 and item 7.8.7 of БДС EN ISO / IEC 17025;
7. < limit of quantification (LOQ);
8. The reported expanded uncertainty of the chemical tests is based on a standard uncertainty multiplied by a coverage factor k = 2, providing a confidence level of approximately 95%
9. The reported uncertainty in microbiological testing is based on a standard technical uncertainty calculated according to ISO 19036, multiplied by a coverage factor k = 2, providing a confidence level of approximately 95%. This does not include matrix or distributive uncertainty;
10. This test report was produced electronically and a copy of the document may be issued upon request.
11. The sample is provided by the client, the ACLT is not responsible for the sampling / specimen collecting stage.
12. Laboratory activities are performed at the address of ACLT.

**Test performed by:** Ekaterina Gechkova

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