Chemotype Profile

Rose Damascena Essential Oil

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PRODUCT **Rose Damascena Essential Oil** · BOTANICAL NAME **Rosa damascena Mill.** · DATE **29.09.2026**

PRODUCER

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DOCUMENT CONTROL

Chemotype Profile

Version: 1.1
Issued: 29.09.2026
Applies to: Rose Damascena Essential Oil
Scope: Typical composition by GC
Status: Approved

Indicative values. The values in this document are typical of the product, not the results of a particular batch. For batch-specific documentation and values (certificate of analysis, GC-MS report), contact us at **sales@bioform.bg** or +359 889 45 05 50.

PROFILE

Chemotype	Citronellol / geraniol
CAS	90106-38-0
Method	GC, % peak area

TYPICAL COMPOSITION (% OF TOTAL PEAK AREA)

CONSTITUENT	TYPICAL RANGE	%
Citronellol [1]		20.0–34.0
Geraniol [1]		14.0–22.0
Nerol [1]		5.0–12.0
Nonadecane [1]		8.0–15.0
Heneicosane [1]		3.0–5.5
Nonadecene [1]		1.5–4.0
Heptadecane [1]		1.0–2.5
Methyl eugenol [1]		0.8–3.0
2-Phenylethanol [1]		≤ 2.5

Typical ranges for this compound, not the analysis of a particular batch. The certificate of analysis and GC-MS report for a batch are available on request.

NOTES

Reference ranges of ISO 9842:2024 for Bulgarian rose oil, as reported in the cited study.

SOURCES

1. Nenova et al. (2025). Evaluation of the Safety and Antiproliferative Activity of Bulgarian Rose Essential Oil: An In Vitro and In Silico Model of Colorectal Adenocarcinoma. Current Issues in Molecular Biology 47:649 (reference values of ISO 9842:2024 for Bulgarian rose oil as reported in Table 2) — https://doi.org/10.3390/cimb47080649 (accessed 2026-09-28)

REMARK: The information in this document describes the product as supplied by Bioform Ltd and is given in good faith.

Place: 6160 Tazha, Bulgaria
Date: 29.09.2026

Signature and stamp
Mariya Staykova
Authorised representative
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