Chemotype Profile

Rose Alba Essential Oil

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PRODUCT **Rose Alba Essential Oil** · BOTANICAL NAME **Rosa alba L.** · DATE **29.09.2026**

PRODUCER

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DOCUMENT CONTROL

Chemotype Profile

Version: 1.1
Issued: 29.09.2026
Applies to: Rose Alba 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	Geraniol
CAS	93334-48-6
Method	GC-MS, % peak area (mean of replicates)

TYPICAL COMPOSITION (% OF TOTAL PEAK AREA)

CONSTITUENT	TYPICAL RANGE	%
Geraniol [1]		31.0
Citronellol [1]		12.6
Nonadecane [1]		11.7
Nerol [1]		10.9
Heneicosane [1]		9.9
Nonadecene [1]		4.4
Heptadecane [1]		2.0
Eicosane [1]		1.2
Methyl eugenol [1]		0.6
2-Phenylethanol [1]		0.2

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

Mean values reported for the Bulgarian oil analysed in the cited study.

SOURCES

1. Valcheva et al. (2024). Antimycobacterial Activity of Essential Oils from Bulgarian Rosa Species Against Phylogenomically Different Mycobacterium tuberculosis Strains. Pharmaceutics 16:1393 (Bulgarian rose essential oils, Table 1) — https://doi.org/10.3390/pharmaceutics16111393 (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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