

Chamomile Essential Oil

BIOFORM

NATURE'S FINEST MATERIALS

PRODUCT Chamomile Essential Oil · BOTANICAL NAME *Matricaria recutita* L. (syn. *Matricaria chamomilla*) · DATE 29.09.2026

PRODUCER

Bioform Ltd

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DOCUMENT CONTROL

Chemotype Profile

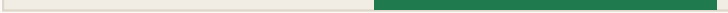
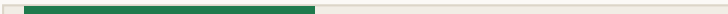
Version: 1.1
Issued: 29.09.2026
Applies to: Chamomile Essential Oil
Scope: Typical composition by GC
Status: Approved

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	α -Bisabolol / bisabolol oxides
CAS	8002-66-2
Method	GC-MS, % peak area

TYPICAL COMPOSITION (% OF TOTAL PEAK AREA)

Constituent	Typical Range	%
α -Bisabolol ^[2]		24.6–47.3
Bisabolol oxide A ^[2]		2.8–27.8
Bisabolol oxide B ^[2]		1.3–20.6
Chamazulene ^[2]		0.6–20.1
(E)- β -Farnesene ^[2]		1.7–7.8
Spathulenol ^[2]		0.4–6.1

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

Ranges span the three cited studies. The wide ranges reflect the different German chamomile chemotypes (α -bisabolol-rich and bisabolol-oxide-rich).

SOURCES

2. Gorgini Shabankareh et al. (2025). Evaluation of the rainfed and irrigated conditions on biomass and essential oil yield of German chamomile (*Matricaria chamomilla*) in response to melatonin foliar application. BMC Plant Biology 25:131 (field-grown German chamomile) – <https://doi.org/10.1186/s12870-025-06160-2> (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
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FOR AND ON BEHALF OF BIOFORM LTD



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