Chemotype Profile

Helichrysum Essential Oil

BIOFORM
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PRODUCT **Helichrysum Essential Oil** · BOTANICAL NAME **Helichrysum italicum (Roth) G. Don** · DATE **29.09.2026**

PRODUCER

Bioform Ltd

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DOCUMENT CONTROL

Chemotype Profile

Version: 1.1
Issued: 29.09.2026
Applies to: Helichrysum 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	Neryl acetate / ar-curcumene
CAS	8023-95-8
Method	GC-MS, % peak area

TYPICAL COMPOSITION (% OF TOTAL PEAK AREA)

CONSTITUENT	TYPICAL RANGE	%
Neryl acetate [1]		5.4–29.2
ar-Curcumene [1]		4.9–15.8
β-Selinene [1]		6.1–14.8
Neryl propionate [1]		1.2–6.2
δ-Selinene [1]		2.5–5.6
(E)-Caryophyllene [1]		2.2–5.4
Limonene [1]		1.3–5.5
Nerol [1]		0.8–4.2
Linalool [1]		1.4–4.2

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

Ranges of population means across 18 natural populations of the eastern Adriatic coast.

SOURCES

1. Ninčević Runjić et al. (2025). Phenotypic plasticity vs. local genetic adaptation: essential oil diversity of natural immortelle (Helichrysum italicum (Roth.) G.Don) populations along eastern Adriatic coast. Frontiers in Plant Science 16:1467421 (population means of 18 natural H. italicum populations, Table 1) — https://doi.org/10.3389/fpls.2025.1467421 (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
FOR AND ON BEHALF OF BIOFORM LTD