

Chemotype Profile

Helichrysum Essential Oil

BIOFORM

NATURE'S FINEST MATERIALS

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

- 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



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