

Chemotype Profile

Juniper Berry Essential Oil

BIOFORM

NATURE'S FINEST MATERIALS

PRODUCT **Juniper Berry Essential Oil** · BOTANICAL NAME **Juniperus communis L.** · DATE **29.09.2026**

PRODUCER

Bioform Ltd

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DOCUMENT CONTROL

Chemotype Profile

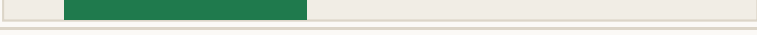
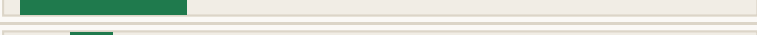
Version: 1.1
Issued: 29.09.2026
Applies to: Juniper Berry Essential Oil
Scope: Typical composition by GC
Status: Approved

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 -Pinene
CAS	8002-68-4
Method	GC-FID, % GC area

TYPICAL COMPOSITION (% OF TOTAL PEAK AREA)

CONSTITUENT	TYPICAL RANGE	%
α -Pinene ^[2]		25–45
Myrcene ^[2]		3–22
Sabinene ^[2]		4–20
β -Pinene ^[2]		1–12
Limonene ^[2]		4.4–7.1
β -Caryophyllene ^[2]		4.2–6.0
Terpinen-4-ol ^[2]		2.6–3.6
p-Cymene ^[2]		2.2–4.2
	0 25 50 %	

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

α -Pinene, myrcene, sabinene and β -pinene: specification ranges for juniper berry oil; other constituents: ranges measured in five batches.

SOURCES

2. EFSA FEEDAP Panel (2023). Safety and efficacy of feed additives consisting of an essential oil and tincture from the berries of *Juniperus communis* L. (juniper oil and juniper tincture) for use in all animal species. EFSA Journal 21:e07977 — <https://doi.org/10.2903/j.efsa.2023.7977> (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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