# Chemotype Profile

## Juniper Berry Essential Oil

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


PRODUCER

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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 |




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