# CERTIFICATE OF ANALYSIS

COA*




## BEWIT Galbanum

**Czech:** Galbanum esenciální olej
**Latin:** Ferula galbaniflua

Batch number: AX2022/04

CTEO

★★★★★
QUALITY
GUARANTEED

We have developed our own set of standards and protocols CTEO® – **CERTIFIED THERAPEUTIC ESSENTIAL OILS** to monitor, check and evaluate the quality of our essential oils. Our goal is to consistently offer our customers essential oils in the best and most beneficial quality.

## Certificate of analysis disclaimer

COA is a document published by BEWIT Natural Medicine, s.r.o., which contains both general and specific information about essential oils and other BEWIT products. The COA includes information from literary publications and other publicly available sources as well as selected sensometric analyses from BEWIT laboratories (BEWIT ESSENTIAL LABORATORIES), supplier analyses and, in some cases, tests from independent laboratories. The COA published for a given product may not always match the product batch on offer at BEWIT at the time and may not always describe all batches of the given product that may be on offer at the time.

**BEWIT Natural Medicine, s.r.o.** ID: 29443237
Michalská 2030
710 00 Ostrava
Czech Republic
VAT ID: CZ29443237
info@bewit.love
www.BEWIT.LOVE

We have developed our own set of standards and protocols CTEO® – **CERTIFIED THERAPEUTIC ESSENTIAL OILS** to monitor, check and evaluate the quality of our essential oils. Our goal is to consistently offer our customers essential oils in the best and most beneficial quality.

# General information

| Batch number | AX2022/04 |
|---|---|
| **English** | BEWIT Galbanum |
| **Czech** | Galbanum esenciální olej |
| **Latin** | Ferula galbaniflua |
| **Country of origin** | India |
| **Part of a plant** | Resin |
| **Method of acquisition** | Steam distilled |
| **Color** | Light yellow |
| **Odor** | Characteristic |
| **cas number** | 93165-40-3 / 8023-91-4 |
| **Main components** | β-pinene, α-pinene |
| **Refractometric index** | -- |
| **Melting point (°C)** | ± 20 |
| **Boiling point (°C)** | 180,4 |
| **Flash point (°C)** | 45,0 |
| **Self-ignition (°C)** | 250 |
| **Density (g/cm3)** | 0,875 |

# General information

## Components

| COMPOUND | RELATIVE CONTENT (%) |
|---|---|
| β-pinene | 60,3 |
| α-pinene | 12,2 |
| D-limonene | 5,4 |
| Terpinen-4-ol | 4,5 |
| 3-carene | 3,6 |
| Sabinene | 3,4 |
| 1,8 Cineole (Eucalyptol) | 1,1 |
| Camphene | 0,8 |
| α-phellandrene | 0,6 |
| Terpinolene | 0,4 |
| para Cymene | 0,3 |
| Citronellal | 0,2 |
| Citronellol | 0,2 |
| Geraniol | 0,2 |
| Cinnamyl alcohol | 0,2 |
| β-caryophyllene | 0,2 |

# List of cosmetic allergens

| Allergen INCI name | CAS number | % |
|---|---|---|
| Amyl cinnamal | 122-40-7 | -- |
| Amylcinnamyl alcohol | 101-85-9 | -- |
| Benzyl alcohol | 100-512-6 | -- |
| Benzyl salicylate | 118-58-1 | -- |
| Cinnamyl alcohol | 104-54-1 | 0,2 |
| Cinnamal | 104-55-2 | -- |
| Citral | 5392-40-5 | -- |
| Coumarin | 91-64-5 | -- |
| Eugenol | 97-53-0 | -- |
| Geraniol | 106-24-1 | 0,2 |
| Hydroxycitronellal | 07-75-5 | -- |
| Hydroxymethylpenthyl-cyclohexenecarboxaldehyde | 31906-04-4 | -- |
| Isoeugenol | 97-54-1 | -- |
| Anisyl alcohol | 105-13-5 | -- |
| Benzyl benzoate | 120-51-4 | -- |
| Benzyl cinnamate | 103-41-3 | -- |
| Citronellol | 106-22-9 | 0,2 |
| Farnesol | 4602-84-0 | -- |
| Hexyl cinnamaldehyde | 101-86-0 | -- |
| D-limonene | 5989-27-5 | 5,4 |
| Linalool | 78-70-6 | -- |
| Methyl heptine carbonate | 111-12-6 | -- |
| 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one | 127-51-5 | -- |
| Oak moss | 90028-68-5 | -- |
| Tree moss | 90028-67-4 | -- |

**BEWIT Natural Medicine, s.r.o.** ID: 29443237
Michalská 2030 VAT ID: CZ29443237
710 00 Ostrava info@bewit.love
Czech Republic www.BEWIT.LOVE

We have developed our own set of standards and protocols CTEO® – **CERTIFIED THERAPEUTIC ESSENTIAL OILS** to monitor, check and evaluate the quality of our essential oils. Our goal is to consistently offer our customers essential oils in the best and most beneficial quality.

# Independent tests and studies

TISSERAND, Robert a Rodney YOUNG. Essential oil safety: a guide for health care professionals. Second edition. Edinburgh: Elsevier, 2013. ISBN 9780443062414.