



CERTIFICATE OF ANALYSIS

COA*



BEWIT Eucalyptus Camaldulensis

Czech: BEWIT Eukalyptus Camaldulensis

Latin: Eucalyptus camaldulensis

Batch number: AX2021



★★★★★
**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.



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General information

| Batch number | AX2021 |
|-----------------------|--|
| English | BEWIT Eucalyptus Camaldulensis |
| Czech | BEWIT Eukalyptus Camaldulensis |
| Latin | Eucalyptus camaldulensis |
| Country of origin | Nepál |
| Part of a plant | Leaves |
| Method of acquisition | Steam distilled |
| Color | Light yellow |
| Odor | Herbal, warm, camphor |
| CAS number | 97675-74-6 |
| Main components | 1,8 Cineole (Eucalyptol), D-limonene, α -pinene |
| Refractometric index | 1,466 |



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General information

Components

| COMPOUND | RELATIVE CONTENT (%) |
|--------------------------|----------------------|
| 1,8 Cineole (Eucalyptol) | 59,9 % |
| D-limonene | 12,8 % |
| α -pinene | 12,8 % |
| β -pinen | 4,7 |
| p-cymene | 2,8 |
| Coumarin | 2,6 |
| γ -terpinene | 1,7 |
| Terpinolene | 1,3 |
| α -terpineol | 1,3 |
| Terpinen-4-ol | 0,6 |
| β -myrcene | 0,6 |
| Menthol | 0,4 |
| β -caryophyllene | 0,3 |



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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 | -- |
| Cinnamal | 104-55-2 | -- |
| Citral | 5392-40-5 | -- |
| Coumarin | 91-64-5 | 2,6 |
| Eugenol | 97-53-0 | -- |
| Geraniol | 106-24-1 | 0,2 |
| Hydroxycitronellal | 07-75-5 | -- |
| Hydroxymethylpentyl-cyclohexenecarboxaldehyde | 31906-04-4 | -- |
| Isoeugenol | 97-54-1 | 0,1 |
| Anisyl alcohol | 105-13-5 | -- |
| Benzyl benzoate | 120-51-4 | -- |
| Benzyl cinnamate | 103-41-3 | -- |
| Citronellol | 106-22-9 | -- |
| Farnesol | 4602-84-0 | -- |
| Hexyl cinnamaldehyde | 101-86-0 | -- |
| D-limonene | 5989-27-5 | 12,8 |
| Linalool | 78-70-6 | 0,2 |
| Methyl heptene 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 | -- |



Independent tests and studies

- [1] Antibacterial activity of leaf essential oils of *Eucalyptus globulus* and *Eucalyptus camaldulensis*. African Journal of Pharmacy and Pharmacology 2008, 2 (10), 211–215.
- [2] Watanabe, K.; et al. New mosquito repellent from *Eucalyptus camaldulensis*. J. Agric. Food Chem. 1993, 41 (11), 2164–2166.
- [3] Mondal, M.; Quispe, C.; Sarkar, Ch.; et al. Analgesic and Anti-Inflammatory Potential of Essential Oil of *Eucalyptus camaldulensis* Leaf: In Vivo and in Silico Studies. Chemical Compositions and Biological Activities of Essential Oils-Original Article 2021, 16 (4), 1–16.



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