

# **CERTIFICATE OF ANALYSIS**

COA\*



#### **BEWIT Tea Tree**

Czech: BEWIT Tea tree

Latin: Melaleuca alternifolia

Batch number: AX2024/08





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.

#### **General information**

Batch number	AX2024/08	
English	BEWIT Tea Tree	
Czech	BEWIT Tea tree	
Latin	Melaleuca alternifolia	
Country of origin	South Africa	
Part of a plant	Twigs	
Method of acquisition	Steam distilled	
Color	Colorless to yellowish green	
Odor	Aromatic, terpenic, floral, fatty odour	
cas number	8022-72-8 / 68647-73-4	
Main components	Terpinen-4-ol, y-Terpinene	
Refractometric index	1,478	
Flash point (°C)	55	
Specific gravity	0,896	
Optical rotation	+9,5°	

#### **General information**

#### **Components**

COMPOUND	RELATIVE CONTENT (%)	
Terpinen-4-ol	41,3	
y-Terpinene	21,7	
α-Terpinene	10,7	
Terpinolene	3,7	
1,8-cineole (Eucalyptol)	3,5	
α-Terpineol	2,8	
α-Pinene	2,5	
para-cymene	1,5	
Limonene	1,1	
β-Myrcene	1,0	
α-Thujene	0,9	
δ-cadinene	0,9	
β-Pinene	0,8	
β-phellandrene	0,8	
α-phellandrene	0,4	
Phenethylalcohol	0,4	
Sabinene	0,3	
β-Caryophyllene	0,3	

## List of cosmetic allergens

Allergen INCI name	CAS number	%
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## 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.