

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, γ-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.