



CERTIFICATE OF ANALYSIS

COA*



BEWIT Spikenard Blue

Czech: BEWIT Nard modrý

Latin: Nardostachys jatamansi

Batch number: AX2024/01



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.



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General information

Batch number	AX2024/01
English	BEWIT Spikenard Blue
Czech	BEWIT Nard modrý
Latin	Nardostachys jatamansi
Country of origin	Nepal
Part of a plant	Root
Method of acquisition	Steam distilled
Color	Greenish, pale yellow to amber
Odor	Characteristic earthy pleasant woody odour
cas number	90064-28-1
Main components	Valencene, Shyobunol, Spirojatamol
Refractometric index	1,500-1,520
Density (g/cm3)	0,880-0,980
Flash point (°C)	84
Optical rotation	1,77-3,64



General information

Components

COMPOUND	RELATIVE CONTENT (%)
Valencene	14,6
Shyobunol	14,4
Spirojatamol	13,5
2-Isopropyl-5-methyl-9-methylene-bicyclo[4.4.0]dec	9,2
Calarene	5,3
δ -selinene	3,7
Seychellene	3,5
Guaia-6,9-diene	3,4
Selinadiene	3,2
α -panasinsen	3,0
α -cadinol	2,9
α -patchoulene	2,1
α -elemene	1,8
β -patchoulene	1,6
β -maaliene	1,5
Rosifoliol	1,4
δ -cadinene	1,3
Valeranone	1,2
Patchouli alcohol	1,2
β -pinene	1,0
Germacratrienol	1,0
Methyl myrtenate	0,7



Maaliol	0,6
Aristolene	0,6
α -pinene	0,5
T-muurolol	0,5
Caryophyllene	0,4
Ylangenal	0,4
Isodene	0,3
β -elemene	0,3
Heptyl isovalerate	0,2



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.



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