CERTIFICATE OF ANALYSIS

COA*



BEWIT German Chamomile ORGANIC

Czech: Heřmánek pravý BIO esenciální olej
Latin: Matricaria recutita

Batch number: AX2024/08

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

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General information

Batch number	AX2024/08
English	BEWIT German Chamomile ORGANIC
Czech	Heřmánek pravý BIO esenciální olej
Latin	Matricaria recutita
Country of origin	Bulgaria
Part of a plant	Flowers
Method of acquisition	Steam distilled
Color	Dark blue to green
Odor	Characteristic
cas number	84082-60-0
Main components	(Z)-β-Farnesene
Refractometric index	1,491-1,499
Density	0,877-0,930
Optical rotation	-15° to 0°
Flash point (°C)	99

General information

Components

COMPOUND	RELATIVE CONTENT (%)
(Z)-β-Farnesene	23,1
Germacrene D	12,0
Chamazulene	8,3
α-Bisabolol oxide B	5,9
Bisabolone oxide A	5,2
α-Bisabolol	4,7
α-Bisabolol oxide A	4,6
Sabinene	4,1
β-Pinene	3,6
Bicyclogermacrene	3,5
β-Caryophyllene	3,0
(Z)-Tonghaosu	3,0
1,8-Cineole (Eucalyptol)	1,4
Artemisyl ketone	1,2
Caryophyllene oxide	0,9
δ-Cadinene	0,8
(E)-α-Bergamotene	0,8
Terpinen-4-ol	0,7
Dimethoxylycopene	0,7
Spathulenol	0,6
Menatetrenone epoxide	0,5
γ-Terpinene	0,4

Humulene	0,4
Heneicosane	0,4
4-Thujen-2-α-yl acetate	0,3
Viridiflorene	0,3
Phytone	0,3
Hashishene	0,3
α-Cadinol	0,3
Nerolidol	0,2
Isospathulenol	0,2
β-Eudesmol	0,2
Viridiflorol	0,2
4-Carene	0,2
para-Cymene	0,2
D-Limonene	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	--
Cinnamal	104-55-2	--
Citral	5392-40-5	--
Coumarin	91-64-5	--
Eugenol	97-53-0	--
Geraniol	106-24-1	--
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	--
Farnesol	4602-84-0	--
Hexyl cinnamaldehyde	101-86-0	--
D-limonene	5989-27-5	0,2
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	--

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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.