CERTIFICATE OF ANALYSIS

COA*

Poplar Balsam ORGANIC

Czech: Topol balzámový BIO esenciální olej
Latin: Populus balsamifera

Batch number: AX2023/05

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	AX2023/05
English	Poplar Balsam ORGANIC
Czech	Topol balzámový BIO esenciální olej
Latin	Populus balsamifera
Country of origin	Canada
Part of a plant	Needles
Method of acquisition	Steam distilled
Color	Light yellow
Odor	Sweet and resinous
cas number	91721-76-5
Main components	α-bisabolol
Refractometric index	1,470 - 1,500
Flash point (°C)	48

General information

Components

COMPOUND	RELATIVE CONTENT (%)
α-bisabolol	25,1
(E)-nerolidol	8,6
δ-cadinene	4,6
Eugenyl acetate	4,0
β-caryophyllene	3,6
1,8-cineole (Eucalyptol)	2,9
alpha-humulene (alpha-caryophyllene)	0,7
α-terpineol	0,6
α-pinene	0,5
γ-terpinene	0,4
(E)-isoeugenol	0,4
Terpinen-4-ol	0,3
α-terpinene	0,2
(Z)-isoeugenol	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	0,1
Eugenol	97-53-0	--
Geraniol	106-24-1	--
Hydroxycitronellal	07-75-5	--
Hydroxymethylpenthyl-cyclohexenecarboxaldehyde	31906-04-4	--
Isoeugenol	97-54-1	0,6
Anisyl alcohol	105-13-5	--
Benzyl benzoate	120-51-4	--
Benzyl cinnamate	103-41-3	--
Citronellol	106-22-9	--
Farnesol	4602-84-0	0,1
Hexyl cinnamaldehyde	101-86-0	--
D-limonene	5989-27-5	0,1
Linalool	78-70-6	0,1
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	--

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.