



CERTIFICATE OF ANALYSIS

COA*



Czech: Geránium Bourbon esenciální olej

Latin: Pelargonium x asperum

Batch number: AX2024/02



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	AX2024/02
English	
Czech	Geranium Bourbon esenciální olej
Latin	Pelargonium x asperum
Country of origin	Madagascar
Part of a plant	Leaves
Method of acquisition	Steam distilled
Color	Light green
Odor	Characteristic, sweet, aromatic
cas number	--
Main components	Citronellol, Geraniol
Refractometric index	--
Flash point (°C)	> 64
Optical rotation	-18° to -8°



General information

Components

COMPOUND	RELATIVE CONTENT (%)
Citronellol	23,9
Geraniol	16,6
Citronellyl formate	12,1
Isomenthone	7,6
Geranyl formate	7,0
Guaia-6,9-diene	7,0
Linalool	6,3
Menthone	1,3
β -caryophyllene	1,2
Nerol	1,1
Germacrene D	1,0
α -pinene	0,5
α -terpineol	0,5
Neral	0,5
Geranyl acetate	0,4
δ -cadinene	0,4
D-limonene	0,3
β -myrcene	0,2
α -humulene (α -caryophyllene)	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	0,5
Coumarin	91-64-5	--
Eugenol	97-53-0	--
Geraniol	106-24-1	16,6
Hydroxycitronellal	07-75-5	--
Hydroxymethylpentyl-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	23,9
Farnesol	4602-84-0	--
Hexyl cinnamaldehyde	101-86-0	--
D-limonene	5989-27-5	0,3
Linalool	78-70-6	6,3
Methyl heptene 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.



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