



# CERTIFICATE OF ANALYSIS

COA\*



## BEWIT Rose Damask Persian Single Distillation

**Czech:** Růže damašská jednou destilovaná esenciální olej

**Latin:** Rosa damascena

Batch number: AX2025/01



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

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## General information

<b>Batch number</b>	AX2025/01
<b>English</b>	BEWIT Rose Damask Persian Single Distillation
<b>Czech</b>	Růže damažská jednou destilovaná esenciální olej
<b>Latin</b>	Rosa damascena
<b>Country of origin</b>	Iran
<b>Part of a plant</b>	Flowers
<b>Method of acquisition</b>	Steam distilled
<b>Color</b>	Yellow
<b>Odor</b>	Characteristic
<b>cas number</b>	90106-38-0 / 8007-01-0
<b>Main components</b>	Nonadecane, Citronellol, Heneicosane
<b>Refractometric index</b>	--
<b>Relative density</b>	0,848-0,880
<b>Flash point (°C)</b>	>60



# General information

## Components

COMPOUND	RELATIVE CONTENT (%)
Nonadecane	27,5
Citronellol	13,2
Heneicosane	13,0
9-Nonadecene	6,9
Heptadecane	3,5
Tricosane	2,8
Geraniol	2,7
Eicosane	2,6
Germacrene D	1,8
(E,E)-Farnesol	1,8
Nerol	1,5
Trans- $\beta$ -Caryophyllene	1,3
$\alpha$ -Pinene	1,1
$\alpha$ -Guaiene	1,1
$\alpha$ -Humulene	1,0
Pentacosane	0,9
$\alpha$ -Bulnesene	0,8
Geranyl Acetate	0,7
Heptacosane	0,7
Pentadecane	0,7
Citronellyl Acetate	0,6
1-Heptadecene	0,5



Octadecane	0,4
Trans- $\beta$ -Elemene	0,4
Cis-9-Tricosene	0,4
Phenethyl Alcohol	0,4
$\beta$ -Myrcene	0,4
Docosane	0,4
Linalool	0,3
Methyl Eugenol	0,3
(Z,Z)-Farnesol	0,3
3-Eicosene	0,3
$\beta$ -Pinene	0,3
Aciphyllene	0,3
Geranial	0,2
Eugenol	0,2
$\beta$ -Bourbonene	0,2
Bis(2-ethylhexyl) phthalate	0,2
$\delta$ -Cadinene	0,2
Hexadecane	0,2
10-Heneicosene	0,2
Ethyl Palmitate	0,2
(E,E)- $\alpha$ -Farnesene	0,2
Trans-Nerolidol	0,2



## List of cosmetic allergens

Allergen INCI name		CAS number	%
Benzyl Alcohol	-	100-51-6	--
6-Methyl Coumarin	-	92-48-8	--
Amyl Cinnamal	-	122-40-7	--
Cinnamyl Alcohol	-	104-54-1	--
Citral	Citral Geranial Neral	5392-40-5 141-27-5 106-26-3	0,3
Eugenol	-	97-53-0	0,2
Hydroxycitronellal	-	107-75-5	--
Isoeugenol	Isoeugenol Trans-Isoeugenol Cis-Isoeugenol	97-54-1 5932-68-3 5912-86-7	--
Amylcinnamyl Alcohol	-	101-85-9	--
Benzyl Salicylate	-	118-58-1	--
Cinnamal	-	104-55-2	--
Coumarin	-	91-64-5	--
Geraniol	-	106-24-1	2,7
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	-	51414-25-6 / 31906-04-4	--
Anise Alcohol	-	105-13-5	--
Benzyl Cinnamate	-	103-41-3	--
Farnesol	-	4602-84-0	2,1
Linalool	-	78-70-6	0,3
Benzyl Benzoate	-	120-51-4	0,1
Citronellol	Citronellol D-Citronellol L-Citronellol	106-22-9 / 26489-01-0 1117-61-9 7540-51-4	13,2
Hexyl Cinnamal	-	101-86-0	--
Limonene	Limonene D-Limonen L-Limonen	138-86-3 / 7705-14-8 5989-27-5 5989-54-8	0,08
Methyl 2-Octynoate	-	111-12-6	--
Alpha-Isomethyl Ionone	-	127-51-5	--
Evernia Prunastri Extract	-	90028-68-5	--
Evernia Furfuracea Extract	-	90028-67-4	--



Pinus Mugo	Pinus Mugo Leaf Oil; Pinus Mugo Twig Leaf Extract; Pinus Mugo Twig Oil	90082-72-7	--
Pinus Pumila	Pinus Pumila Needle Extract; Pinus Pumila Twig Leaf Extract; Pinus Pumila Twig Leaf Oil	97676-05-6	--
Cedrus Atlantica Oil/Extract	Cedrus Atlantica Bark Extract; Cedrus Atlantica Bark Oil; Cedrus Atlantica Bark Water; Cedrus Atlantica Leaf Extract; Cedrus Atlantica Wood Extract; Cedrus Atlantica Wood Oil	92201-55-3 / 8023-85-6	--
Turpentine	-	9005-90-7 / 8006-64-2 / 8052-14-0	--
Alpha-Terpinene	-	99-86-5	--
Terpinolene	-	586-62-9	0,03
Myroxylon Pereirae Oil/Extract	Myroxylon Balsamum Pereirae Balsam Extract; Myroxylon Balsamum Pereirae Balsam Oil; Myroxylon Pereirae Oil; Myroxylon Pereirae Resin Extract; Myroxylon Pereirae Resin	8007-00-9	--
Rose Ketones	Alpha-Damascone Cis-Rose Ketone 1 Trans-Rose Ketone 1 Rose Ketone 4 (Damascone) Rose Ketone 3 (Delta-Damascone) Trans-Rose Ketone 3 Cis-Rose Ketone 2 (Cis-Beta-Damascone) Trans-Rose Ketone 2 (Trans-Beta-Damascone)	43052-87-5 23726-94-5 24720-09-0 23696-85-7 57378-68-4 71048-82-3 23726-92-3 23726-91-2	--
3-Propylidenephthalide	-	17369-59-4	--
Lippia Citriodora Absolute	-	8024-12-2 / 85116-63-8	--
Methyl Salicylate	-	119-36-8	--
Acetyl Cedrene	-	32388-55-9	--
Amyl Salicylate	-	2050-08-0	--
Anethole	-	104-46-1 / 4180-23-8	--
Benzaldehyde	-	100-52-7	--
Camphor	-	76-22-2 / 21368-68-3 / 464-49-3 / 464-48-2	--
Beta-Caryophyllene	-	87-44-5	1,3
Carvone	Carvone; L-Carvone; D-Carvone	99-49-0 / 6485-40-1 / 2244-16-8	--
Dimethyl Phenethyl Acetate	-	151-05-3	--
Hexadecanolactone	-	109-29-5	--
Hexamethylindanopyran	-	1222-05-5	--



Linalyl Acetate	-	115-95-7	--
Menthol	Menthol DL-Menthol L-Menthol D-Menthol	89-78-1 1490-04-6 2216-51-5 15356-60-2	--
Trimethylcyclopentenyl Methylisopentenol	-	67801-20-1	--
Salicylaldehyde	-	90-02-8	--
Santalol	Santalol Alpha-Santalol Beta-Santalol	11031-45-1 115-71-9 77-42-9	--
Sclareol	-	515-03-7	--
Terpineol	Terpineol Alpha-Terpineol Beta-Terpineol Gamma-Terpineol	8000-41-7 98-55-5 138-87-4 586-81-2	0,05
Tetramethyl Acetyloctahydronaphthalenes	-	54464-57-2 / 54464-59-4 / 68155-66-8 / 68155-67-9	--
Trimethylbenzenepropanol	-	103694-68-4	--
Vanillin	-	121-33-5	--
Cananga Odorata Oil/Extract	Cananga Odorata Flower Extract; Cananga Odorata Flower Oil	83863-30-3 / 8006-81-3 / 68606-83-7 / 93686-30-7	--
Cinnamomum cassia Leaf Oil	-	8007-80-5 / 84961-46-6	--
Cinnamomum Zeylanicum Bark Oil	-	8015-91-6 / 84649-98-9	--
Citrus Aurantium Flower Oil	Citrus Aurantium Amara Flower Oil Citrus Aurantium Dulcis Flower Oil	72968-50-4 8028-48-6 / 8016-38-4	--
Citrus Aurantium Peel Oil	Citrus Aurantium Amara Peel Oil Citrus Aurantium Dulcis Peel Oil; Citrus Sinensis Peel Oil	68916-04-1 / 72968-50-4 97766-30-8 / 8028-48-6 / 8008-57-9	--
Citrus Aurantium Bergamia Peel Oil	-	8007-75-8 / 89957-91-5 / 68648-33-9 / 8007-75-8 / 85049-52-1	--
Citrus Limon Peel Oil	-	84929-31-7 / 8008-56-8	--
Lemongrass Oil	Cymbopogon Schoenanthus Oil Cymbopogon Flexuosus Oil Cymbopogon Citratus Leaf Oil	8007-02-1 / 89998-16-3 91844-92-7 8007-02-1 / 91844-92-7	--
Eucalyptus Globulus Oil	Eucalyptus Globulus Leaf Oil Eucalyptus Globulus Leaf/Twig Oil	97926-40-4 / 8000-48-4 8000-48-4	--
Eugenia Caryophyllus Oil	Eugenia Caryophyllus Leaf Oil Eugenia Caryophyllus Flower Oil Eugenia Caryophyllus Stem oil Eugenia Caryophyllus Bud oil	8000-34-8 / 8015-97-2 / 84961-50-2 84961-50-2 84961-50-2 84961-50-2	--



Jasmine Oil/Extract	Jasminum Grandiflorum Flower Extract; Jasminum Officinale Oil; Jasminum Officinale Flower Extract	84776-64-7 / 90045-94-6 / 8022-96-6 / 8024-43-9	--
Juniperus Virginiana Oil	Juniperus Virginiana Oil Juniperus Virginiana Wood Oil	8000-27-9 85085-41-2	--
Laurus Nobilis Leaf Oil	-	8002-41-3 / 8007-48-5 / 84603-73-6	--
Lavandula Oil/ Extract	Lavandula Hybrida Oil; Lavandula Hybrida Extract; Lavandula Hybrida Flower Extract Lavandula Intermedia Flower/Leaf/Stem Extract; Lavandula Intermedia Flower/Leaf/Stem Oil; Lavandula Intermedia Oil Lavandula Angustifolia Oil; Lavandula Angustifolia Flower/Leaf/Stem Extract	91722-69-9 / 8022-15-9 / 93455-96-0 / 93455-97-1 / 92623-76-2 84776-65-8 / 8000-28-0 / 90063-37-9 84776-65-8 / 8000-28-0 / 90063-37-9	--
Mentha Piperita Oil	-	8006-90-4 / 84082-70-2	--
Mentha Viridis Leaf Oil	Mentha Spicata Oil (Spearmint Oil)	8008-79-5 / 84696-51-5	--
Narcissus Extract	Narcissus Poeticus Extract Narcissus Pseudonarcissus Flower Extract Narcissus Jonquilla Extract Narcissus Tazetta Extract	90064-26-9 / 68917-12-4 90064-27-0 90064-25-8	--
Pelargonium Graveolens Flower Oil	-	90082-51-2 / 8000-46-2	--
Pogostemon Cablin Oil	-	8014-09-3 / 84238-39-1	--
Rose Flower Oil/Extract	Rosa Damascena Flower Oil; Rosa Damascena Flower Extract Rosa Alba Flower Oil; Rosa Alba Flower Extract Rosa Canina Flower Oil Rosa Centifolia Flower Oil; Rosa Centifolia Flower Extract Rosa Gallica Flower Oil Rosa Moschata Flower Oil Rosa Rugosa Flower Oil	8007-01-0 / 90106-38-0 93334-48-6 84696-47-9 84604-12-6 84604-13-7 92347-25-6	100,0
Santalum Album Oil	-	8006-87-9 / 84787-70-2	--
Eugenyl Acetate	-	93-28-7	--
Geranyl Acetate	-	105-87-3	0,7
Isoeugenyl Acetate	-	93-29-8	--
Pinene	Alpha-Pinene; Beta-Pinene	80-56-8 / 7785-70-8 / 127-91-3 / 18172-67-3	1,4



## Independent tests and studies

Ghavam, M., Afzali, A., Manconi, M. et al. Variability in chemical composition and antimicrobial activity of essential oil of *Rosa × damascena* Herrm. from mountainous regions of Iran. *Chem. Biol. Technol. Agric.* 8, 22 (2021). <https://doi.org/...-021-00219-6>

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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