Batch Number:
20260907-RODA1FRG

ALTRAFLORA
NATURAL EXTRACTS

Manufactured:
07.09.2026

TECHNICAL DATA SHEET

Product Information

Product Name: Damask rose food fragrance oil (origin: Turkey), PN AF-RODA1FRG

Scientific name: *Rosa × damascena*

Parts utilized for extraction: Flower petals (fresh)

Appearance: Clear, pale-yellow to amber mobile liquid

Aroma: Deep rosy and honeyed, with a soft spicy heart and a waxy floral drydown

Solubility: Insoluble in water; soluble in ethanol and fixed oils

Raw Material Specification

Analysis	Method	Result
Total ash for herb	Ph. Eur. (2.4.16)	<4%
Pesticides	GC/MS, LC-MS/MS	Complies with Ph. Eur. (2.8.13)
Aflatoxins (G1, G2, B1, B2)	AOAC 999.07	Complies with Ph. Eur. (2.8.18)
Ochratoxin A	AOAC 2004.10	Complies with Ph. Eur. (2.8.22)
Benzo(a)pyrene (PAH)	JOSS 2002 25, pp. 96–100	<10 ppb

Extract Specification

Analysis	Method	Specification	Result
Major components:			
2-Phenylethanol	GC-FID, area normalisation (AF-LABGC003)	74 – 84 %	79.00 %
Citronellol		9 – 14 %	11.50 %
Geraniol / nerol		3.5 – 6.5 %	4.80 %
Eugenol		0.4 – 1.0 %	0.63 %
Benzyl alcohol		0.05 – 0.30 %	0.11 %
Nonadecane (n-C19)		0.4 – 1.0 %	0.65 %
Heneicosane (n-C21)		0.05 – 0.20 %	0.10 %
TOTAL		**min. 93 %**	**96.85 %**
Methyleugenol	GC-MS (AF-LABGC002)	≤ 0.20 %	0.11 %
Arsenic (As)	ICP-OES (In-house method)	N.D. (< 1 ppm)	N.D.
Cadmium (Cd)		N.D. (< 3 ppm)	N.D.
Lead (Pb)		N.D. (< 1 ppm)	N.D.
Mercury (Hg)		N.D. (< 0.1 ppm)	N.D.
Total aerobic microbial count (cfu/g)	ISO 4833-1	<10000	Complies
Yeast & mold (cfu/g)	ISO 21527-2	<100	Complies
Escherichia coli	ISO 16649-2	N.D. (in 1 g)	N.D.
Salmonella	ISO 6579	N.D. (in 25 g)	N.D.
Pseudomonas aeruginosa	ISO 13720	N.D. (in 1 g)	N.D.
Staphylococcus aureus	ISO 6888-1	N.D. (in 1 g)	N.D.

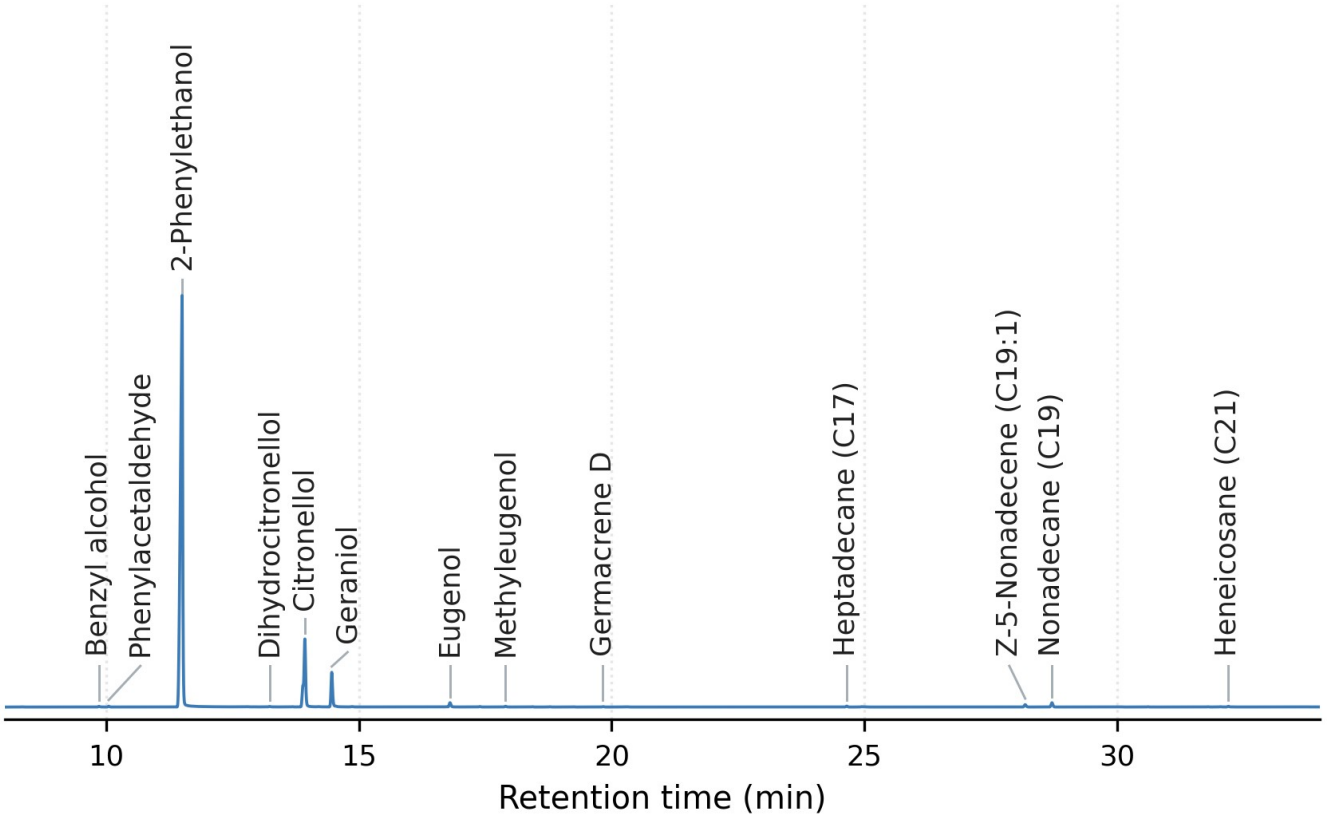
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Chromatogram



Additional Data

Storage conditions: Store in cool and dry place, keep away from intense light and high heat.

Carrier: Fractionated coconut oil (caprylic/capric triglyceride, MCT).

Packaging: 10 g, 15 g and 30 g amber glass bottles with food-grade fine-mist spray head.

Shelf life: 24 months

Dosage and use: The Damask roses behind this fragrance are grown and hand-picked in Isparta, Türkiye, and extracted within hours of harvest. The olfactive arc opens fresh and dewy with green facets, fills out into a honeyed rose heart, and dries down waxy, floral and long. It is used in Turkish delight, syrups, milk puddings, confectionery and beverage work, and gives body and naturalness to rose accords built on synthetic materials. Methyleugenol is naturally present and is controlled to the limit shown above. Compositional figures in the Extract Specification and the chromatographic profile refer to the essential-oil fraction of the product, determined by GC-FID area normalisation; the carrier is stated separately above.

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