

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

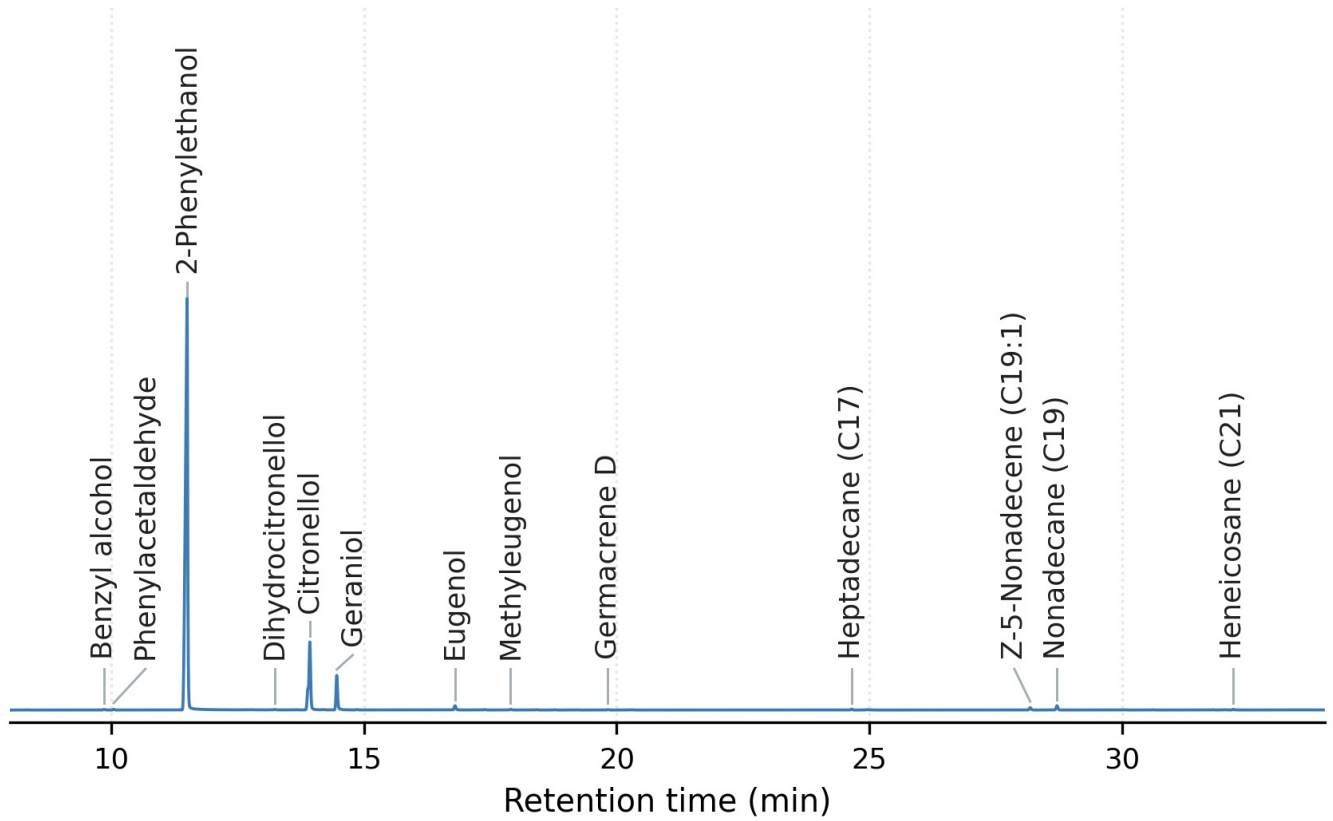
Analysis	Method	Specification	Result
Major components:			
2-Phenylethanol	GC-FID, area normalisation (AF-LABGC003)	74 – 84 %	79.00 %
Citronellol		9 – 14 %	11.50 %
Geraniol / nerol		3.5 – 6.5 %	4.80 %
Eugenol		0.4 – 1.0 %	0.63 %
Benzyl alcohol		0.05 – 0.30 %	0.11 %
Nonadecane (n-C19)		0.4 – 1.0 %	0.65 %
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
<i>Escherichia coli</i>	ISO 16649-2	N.D. (in 1 g)	N.D.
<i>Salmonella</i>	ISO 6579	N.D. (in 25 g)	N.D.
<i>Pseudomonas aeruginosa</i>	ISO 13720	N.D. (in 1 g)	N.D.
<i>Staphylococcus aureus</i>	ISO 6888-1	N.D. (in 1 g)	N.D.

Batch Number:
20260907-RODA1FRG



Manufactured:
07.09.2026

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 mL amber glass bottle with food-grade fine-mist spray head; also supplied by the kilogram (1-5 kg/bottle, 10-25-50 kg/drum).

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.