Batch Number:
20260828-RODA1ABS

ALTRAFLORA
NATURAL EXTRACTS

Manufactured:
28.08.2026

TECHNICAL DATA SHEET

Product Information

Product Name: Damask rose absolute (origin: Turkey), PN AF-RODA1ABS

Scientific name: *Rosa × damascena*

Parts utilized for extraction: Flower petals (fresh)

Appearance: Viscous amber to orange-red liquid

Aroma: Deep rosy and honeyed, with a waxy-floral drydown

Solubility: Insoluble in water; soluble in ethanol and common fragrance solvents

Organic certification: No

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 (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 %
Sesquiterpenes (total)		≥ 0.03 %	0.06 %
Nonadecane (n-C19)		0.4–1.0 %	0.65 %
Heneicosane (n-C21)		0.05–0.20 %	0.10 %
TOTAL		**≥ 93 %**	**96.85 %**
Total wax hydrocarbons	GC-FID (AF-LABGC003)	0.8–2.0 %	1.26 %
Z-5-Nonadecene / nonadecane	GC-FID (AF-LABGC003)	0.40–0.70	0.58
Heptadecane / nonadecane	GC-FID (AF-LABGC003)	0.12–0.30	0.21
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.

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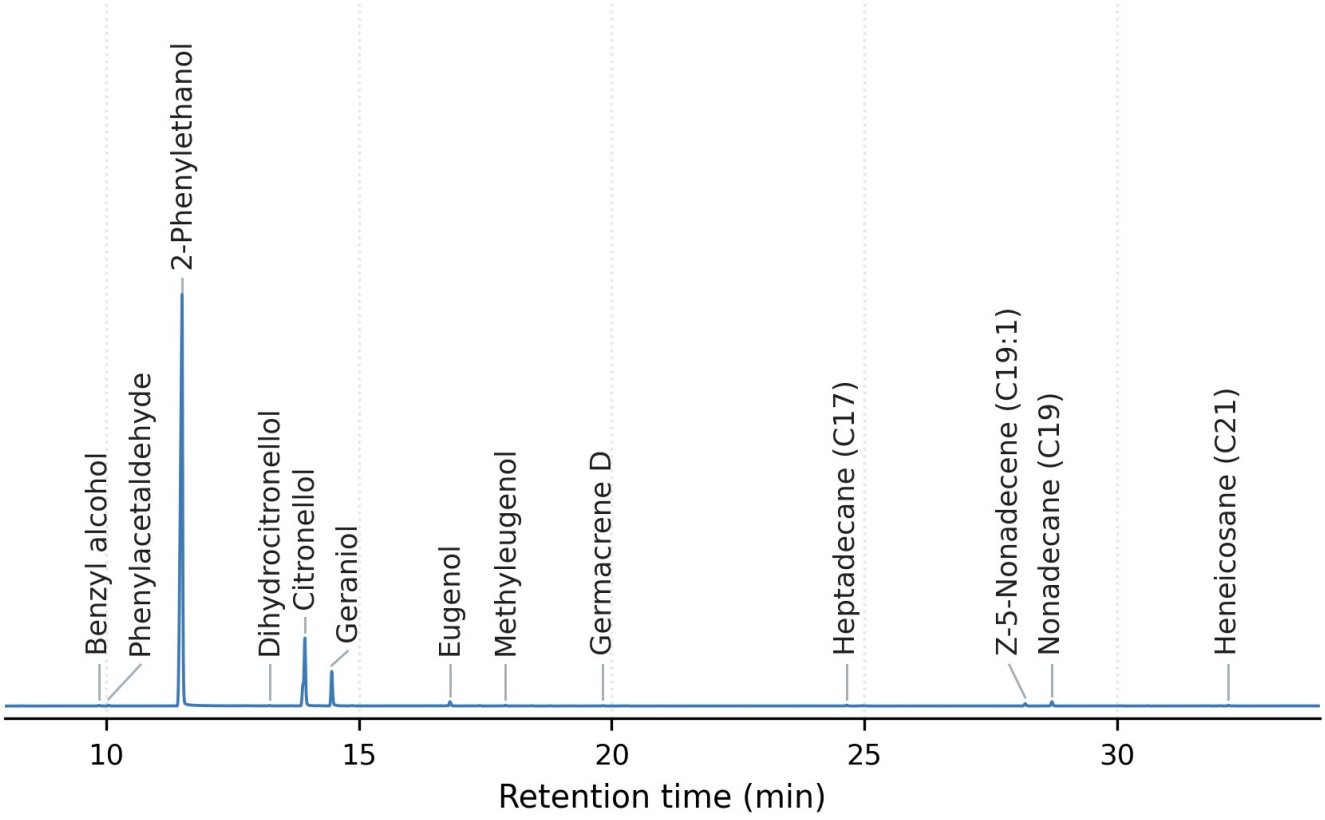
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Analysis	Method	Specification	Result
Pseudomonas aeruginosa	ISO 13720	N.D. (in 1 g)	N.D.
Staphylococcus aureus	ISO 6888-1	N.D. (in 1 g)	N.D.

Chromatogram



Additional Data

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

Carrier: None. No diluent or carrier oil is added.

Packaging: 1–5 kg/bottle, 10–25–50 kg/drum.

Shelf life: 24 months

Dosage and use: The Damask roses used to create this absolute are grown and hand-picked in Isparta, Türkiye, and extracted within hours of harvest.
Olfactive profile: a fresh, dewy rose top with green and lightly citrus facets opens onto a full honeyed rose heart. Soft clove-like spice lends warmth through the middle, and the drydown is waxy, floral and long, with the rounded depth characteristic of a true absolute.
Recommended at 0.5–5 % in fine fragrance, 0.1–1 % in personal care and 0.05–0.5 % in household and candle applications. It blends readily with oud, sandalwood, patchouli, ambrette and soft musks, and gives body and naturalness to rose accords built on synthetic materials.

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