akita
ROSE WATER SKIN CARE

ROSE ACADEMY

ROSE, FREQUENCY & AROMATHERAPY



ROSA DAMASCENA • ISPARTA ROSE

The Rose’s Three Signatures

Chemistry, scent and physical response: three scientific lenses on one flower.

320 MHz? What did we observe in rose oil? And in nondeoiled rose water?

OCTOBER 26, 2026 · LIVE ONLINE EVENT

01 / THREE SCIENTIFIC LENSES

The Isparta Rose: Three Signatures



Valued for centuries, Rosa damascena now inspires questions spanning molecules, memory, RF data and the identity of a botanical ingredient.

01

CHEMICAL SIGNATURE

Which molecules shape rose aroma?

GCMS maps its volatile compounds.

02

SENSORY • BIOLOGICAL

How do scent, brain and memory connect?

Human studies raise intriguing questions.

03

PHYSICAL • RF

Can a sample have a distinct RF response?

We compare exploratory RF profiles.

Three distinct lenses, not three names for the same measurement.

02 / ROSE SCENT & THE BRAIN

Can a scent awaken a memory?

Rosa damascena offers more than fragrance. Scientists are stu dying scent, emotion, stress, sleep and memory.



SCENT → PERCEPTION → MEMORY

What do studies of scent cues and aromatherapy suggest?

28 **RANDOMIZED TRIALS**

2025 meta analysis: Rosa damascena aromatherapy, anxiety, stress and sleep outcomes.

160 **PARTICIPANTS**

2023 study: rose scent as a cue for learning and sleep related memory.

Sources: PMID 41262694 (2025) • PMID 36759589 (2023)
Research findings do not establish a medical treatment claim.

03 / FROM 2003 TO 2026

Clear to the eye. Distinct by design.

Non de-oiled rose water is not oily. The difference is in the distillation process and the natural constituents retained without oil separation.



WHEN THE OIL IS SEPARATED



AKITA: NO SEPARATION

The process retains naturally occurring oilassociated volatile compounds in a crystalclear distillate.

A DISTINCT INCI INGREDIENT IDENTITY • 2026

Rosa Damascena Flower Distillate

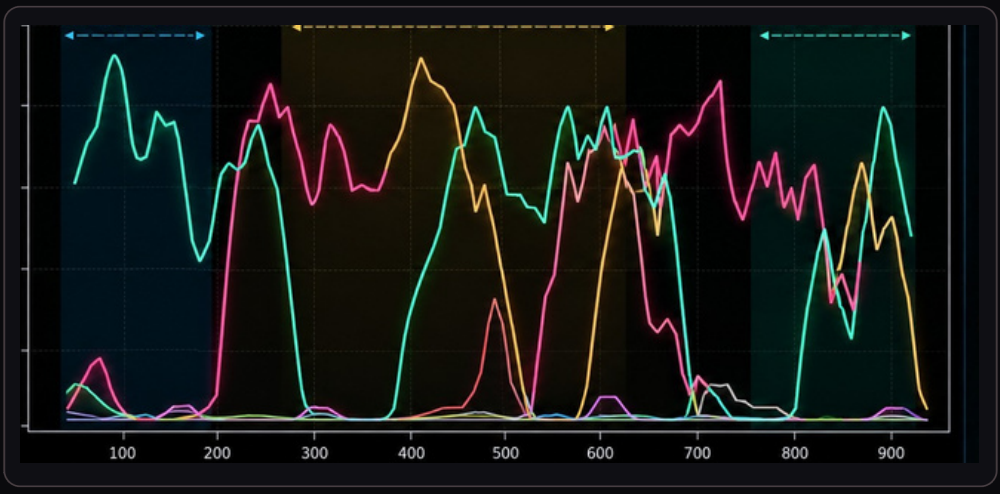
The accepted international ingredient name for Akita's distillate, developed in 2003.
INCI naming does not imply safety or regulatory approval.

04 / EXPLORATORY RF RESEARCH

320 MHz

Does a rose have just one frequency?

In Akita's experimental system, rose oil showed a notable response around 320–322 MHz. But the story goes beyond one number.



AKITA NONDEOILED ROSE WATER / RF IMPORTANCE MAP

ROSE OIL

320–322 MHz

Highlighted response band

AKITA ROSE DISTILLATE

Multi-band profile

Responses across multiple bands

The question: How do rose oil and whole rose distillate compare?

RF profiles depend on test conditions; they do not prove a fixed natural frequency or therap eutic effects.

AKITA ACADEMY

FROM ISPARTA ROSE TO NEW QUESTIONS

Rediscover the Rose’s Value.

From the heritage of Rosa damascena to an innovative distillation approach and a distinct INCI identity. Explore published science alongside the RF measurements conducted by Burhan Kılıç at Akita.

1993	2003	2026
Akita founded	Nondeoiled distillate	INCI naming & RF research

LIVE ONLINE EVENT

OCTOBER 26, 2026

11:00 AM TORONTO / 6:00 PM TÜRKIYE

Google Meet • Ayse (Eyeshay) Kılıç

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