

Rosemary Antioxidant

Rosemary-derived antioxidant ingredients are evaluated for oxidation control in suitable cosmetic systems. Compare total phenolics, named diterpene markers and the supplied carrier with the intended oil phase.

Material identity

Ingredient identity	Rosmarinus Officinalis Leaf Extract
CAS reference	84604-14-8
Catalog appearance	Brownish viscous liquid

Catalog technical specifications

The following are published catalog reference specifications, not analytical results for a supplied lot. Confirm the current specification, method and batch COA before approval.

Total phenolics	>= 75%
Carnosic acid	Reported per lot
Solubility	Oil-soluble
Heavy metals (Pb)	<= 10 ppm
Shelf life	24 months, N2-flushed

Selection and qualification

What to check for this grade

01. Review how total phenolics and individual markers such as carnosic acid are measured.
02. Confirm extraction process, carrier, sensory profile and relevant impurity information.
03. Evaluate oxidation, odor and color in the actual oil blend and packaging under the stability program.

Rosemary antioxidant ingredient vs Antimicrobial preservative system

An oxidation-control ingredient does not establish antimicrobial preservation. Assess preservation separately for the complete product.

Can this replace the preservative in a water-containing formula?

Do not assume that it can. Antioxidant function and antimicrobial preservation address different problems; the finished product needs an appropriate preservation assessment.

Prepare the sample and purchasing brief

Provide the intended formula format, destination market, trial quantity and acceptance criteria. Request the current COA, SDS and TDS, full composition, and relevant storage and handling instructions. Confirm pricing, order minimum, stock, packaging and delivery terms for the actual order.

Catalog handling reference

Packaging	25kg drum, N2
Storage	<= 20°C
Shelf life	24 months, N2-flushed

[Product details and current enquiry options](#)

[Cosmetic raw material buying guide](#)

[Contact RAWESS about this grade](#)

For ingredient evaluation in cosmetic development. This guide is not a batch COA or a finished-product safety, efficacy or regulatory approval. Trade-name comparisons do not establish branded origin.