

Licorice Glabridin 40%

This licorice-derived grade is described by its glabridin marker content. Selection should consider the assay definition, other constituents and the supplied carrier or dispersion system.

Material identity

Ingredient identity	Glycyrrhiza Glabra Root Extract
CAS reference	59870-77-6
Catalog appearance	Brown-yellow powder

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.

Glabridin (HPLC)	>= 40.0%
Glycyrrhizin	< 0.5%
Dispersion system	Confirm carrier, full composition and grade-specific dispersion guidance
Moisture	<= 5.0%
Heavy metals (Pb)	<= 10 ppm
Total plate count	<= 100 CFU/g
Shelf life	24 months

Selection and qualification

What to check for this grade

01. Review the glabridin assay method and clarify the composition outside the marker fraction.
02. Confirm whether any dispersion behavior comes from a carrier or processing aid and obtain the complete composition.
03. Assess dispersion, color, pH and stability in the intended topical formula.

Glabridin-standardized grade vs Other licorice extracts

Different markers such as glycyrrhizin describe different profiles. Compare full composition rather than treating all licorice extracts as equivalents.

Does water-dispersible mean molecularly water-soluble?

No. Ask the supplier to distinguish dissolution from dispersion and disclose the carrier. Verify clarity, sedimentation and stability in the actual formulation.

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	10kg fiber drum, PE liner
Storage	Ambient
Shelf life	24 months

[Product details and current enquiry options](#)

[Cosmetic raw material buying guide](#)

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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.