

Xanthan Gum Clear

A clear-grade xanthan gum is evaluated for rheology and visual appearance in suitable cosmetic systems. Viscosity and transparency need defined test conditions to support meaningful grade comparisons.

Material identity

Ingredient identity	Xanthan Gum
CAS reference	11138-66-2
Catalog appearance	White to cream 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.

Mesh size	200 mesh, 98% pass
Transparency index	Reported per lot
Viscosity (1% aq.)	Reported band, 1200-1600 cP
Moisture	<= 13%
Heavy metals (Pb)	<= 10 ppm
Total plate count	<= 100 CFU/g
Shelf life	36 months

Selection and qualification

What to check for this grade

01. Request viscosity concentration, solvent, hydration time, temperature and measurement settings.
02. Review how clarity or transparency is measured; a grade label alone is not a test result.
03. Assess dispersion, hydration, electrolyte response and texture in the complete formula.

Clear-grade xanthan gum vs Conventional xanthan grade

Compare measured clarity and rheology under the same conditions. A higher viscosity number alone does not establish better formula performance.

Can viscosity values from different methods be compared directly?

Not reliably. Match concentration, hydration, temperature, instrument and shear conditions before comparing values or acceptance limits.

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 fiber drum, PE liner
Storage	Ambient
Shelf life	36 months

[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.