

# ALTER-GELIJAC®

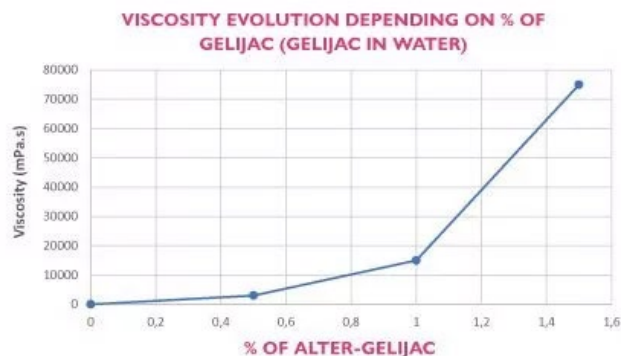
INCI: *Glucomannan*

## KEY PROPERTIES

ALTER-GELIJAC is a natural gelling agent derived from *Amorphophallus konjac*, traditionally harvested in China. This plant-based agent is primarily composed of glucomannan, a polysaccharide that forms thick, clear gels in aqueous solutions. ALTER-GELIJAC is a great alternative to synthetic gelling agents like carbomers, providing a natural solution for thickening and stabilizing emulsions while leaving a protective film on the skin.

## EFFICACY TESTS

Tests show that ALTER-GELIJAC produces thick gels with excellent transparency and stability across a wide pH range (from 3 to 9). The gel retains its viscosity in the presence of electrolytes and various surfactants, demonstrating its versatility in formulation.



## NATURAL GELLING AGENT FOR HIGH-VISCOSITY TRANSLUCENT GELS



## APPLICATIONS

Suitable for shower gels, shampoos, face masks, slimming gels, and other personal care products that require a clear, high-viscosity gel. It is also effective in fresh-feeling gels such as cooling masks or gel moisturizers

## % OF USE

0.1 to 2%

Easy dispersion without agglomeration in aqueous bases. Cold or hot process, but texture is improved when heated. Formulation tips: Can be formulated over a wide range of pH. Compatible with electrolytes. Can be used with most surfactants: ionic and non-ionic, amphoteric and cationic.

## TECHNICAL DATA

APPEARANCE	POWDER
COLOUR	BEIGE
FRAGRANCE	NONE
NATURALITY INDEX	1 (ISO 16 128)



GELLING

THICKENER

EMULSION STABILIZER

100% natural



COSMOS compliant



OK China



SOCRI

LESSONIA  
cosmetics + ingredients

Alter-Powders