



GEL-AID is a new formulation for hydration adapted to different needs of dysphagia



BUSSINESS OPORTUNITY

Technology available for licensing with technical cooperation

IP STATUS

Non-disclosed formulation

TAGS

Dysphagia, Gelified Water, Hydration, Viscosity, Health, Nutrition

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GEL-AID. GELIFIED ISOTONIC WATER FOR HYDRATION IN DYSPHAGIA

THE TECHNOLOGY

A new formulation based on different types of thickeners that allows the commercialization of an isotonic gelled water ready for its consumption; that shows a uniform consistency, with three different viscosities adapted to different needs of dysphagia; a greater stability of the gel over time (without refrigeration); at a lower price and with a proven hydration capacity.

THE MARKET NEED

Dysphagia, which is the difficulty to swallow, affects around 2 million people in Spain. It usually occurs in people who have suffered a stroke, with neurological diseases, dementia or muscular dystrophy. It is highly frequent in older adults and it is estimated that in the next few years it will be suffered by half of the people who reach 70 years of age. The importance of this fact is that it may increase the problems of malnutrition and dehydration in this group of population, as a result of not having available solutions that may facilitate the swallowing process.

ADVANTAGES

- › Gelified water, viscosity adapted according to different needs.
- › Minimum energy and fibre content.
- › Proven hydration capacity in real conditions.
- › Higher user acceptability compared with current solutions.
- › Ready-to-use.
- › Low priced.

APPLICATIONS

Functional food, functional beverage.

LEVEL OF DEVELOPMENT

Validated in a relevant environment (TRL5).