

Gelphorm® emulsion

Product application

Gelphorm® double-emulsion technology is specifically designed for DHA fortification of full-fat UHT beverages including milk products, shakes and plant-based drinks.

The unique formulation ensures product stability, as it withstands the high pressures and temperatures of UHT processing.

Gelphorm®

Nu-Mega Ingredients™ Gelphorm® has been validated to have a 12-month ambient shelf life in UHT beverages. Using vegan algal oil as its source, Gelphorm can be successfully incorporated into plant-based drinks, as well as milk and milk-based products. Beverages can also be enhanced with flavours without sensory impact.

Gelphorm® features

- ✓ Double-encapsulated emulsion technology protects the DHA for superior sensory profile.
- ✓ Minimum 66mg active DHA / gram of Gelphorm.
- ✓ Vegan algal DHA oil.
- ✓ 18-month shelf life at ambient storage (10-25°C).
- ✓ Key accreditations for worldwide applications (FSSC22000).
- ✓ Ingredients non-GMO by origin.
- ✓ Halal and Kosher certified.

In application

- ✓ Excellent sensory profile.
- ✓ Can withstand UHT industry homogenisation pressures and temperatures.
- ✓ 12-month ambient shelf life in UHT milk.
- ✓ Fortified to 60mg DHA / serve (250 ml).
- ✓ Formulated for full-fat products.

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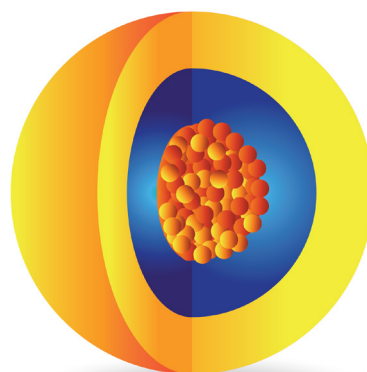


Gelphorm® products for UHT applications

	1g	2g	3g
Gelphorm® G015	65+1mg DHA	130+2 mg DHA	200mg + 2mg DHA

Successful projects:

- G011: 125mg DHA in 250ml UHT milk and milk-based product.
- G011: 125mg DHA in 250ml UHT soy drink.



Oil



Water



High DHA Oil