

## A Stable MEGA-3 Ingredient for Pet Food Formulations

## The Benefits of Flaxseed

Flaxseed is a *sustainable*, land-based source of Omega-3s that is frequently incorporated into pet foods. The seeds need to be crushed or ruptured to make their rich polyunsaturated Omega-3 fat source available, which in turn advances oxidation. Flaxseed's stability in its crushed or ruptured state is a limiting factor for the shelf life of packaged pet foods. This is where *linPET* can help.





LinPET is a proven solution for flaxseed stability issues. Our advanced patented technology blends full-fat flaxseed and pulses (dried peas/beans), creating protein-fat and protein-starch matrices that protect the Omega-3 fat source. The effect is a nutrient-dense and shelf-stable source of Omega-3s.



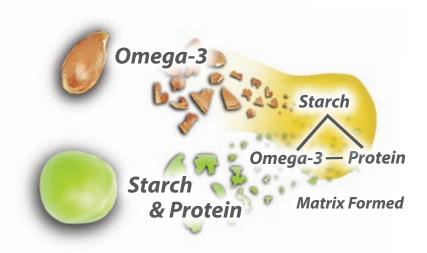
## How our advanced patented technology works

**Solution** Flaxseed cell wall ruptures

**⊘** Protein structures change

Starches from the dried pulses gelatinize

Homogenization of ingredients (flaxseed and pulses)





## LinPET's OMEGA-3 Benefits to Pet Food:

**Stability** of Omega-3s greater than 12 months

✓ Consistent and reliable nutritional profile:

• Fat: 24%

• Protein: 21%

• Omega-3 fat: 12%

Analytical in-house testing (NIR) of both raw ingredients and finished product

Ready to use (shelf ready)

100% land-based, **sustainable** approach, no by-products

**⊘** Non-GMO source

Suitable for grain-free diets

The pulses (dried peas and beans) are a high source of fiber (assists in digestive health)

✓ The Omega-3s soften & make pets' coats shine

**⊘** No fishy or marine smell

Boosts the immune system in the pet (anti-inflammatory)



