

# LOOKING FOR SHELF-LIFE SOLUTIONS?

## **MORE SOLUTIONS. BETTER VALUE.**

Many factors affect the shelf-life stability of rendered pet food ingredients including heat, oxygen, pH, moisture, presence of metal ions and unsaturated fats, oxidizing and reducing agents, process conditions and storage time, among others.

Protect the oxidative stability of your rendered pet food ingredients with Xtendra® and NaSure® antioxidant solutions from Camlin Fine Sciences.

## **ABOUT CFS**

- 30 years as a global leader in the traditional antioxidants market
- Leading manufacturer of BHA and TBHQ antioxidants
- Local service backed by a global supply chain for products and support wherever you are
- Vertical integration in the production of rosemary extracts
- Flexibility to produce antioxidant blends to your specific needs
- Most combined antioxidant experience in the industry





# PET FOOD PROTECTION

WITH OUR TRADITIONAL AND NATURAL SHELF-LIFE SOLUTIONS

Whether it is rendered protein meal or coating fats, Camlin Fine Sciences (CFS) offers you a complete line of proven traditional and natural shelf-life solutions to help you protect your ingredients from oxidation. These products have been used around the world for years, delivering total quality control you can trust.

**NaSure**<sup>®</sup>  
Extending Shelf Life Naturally

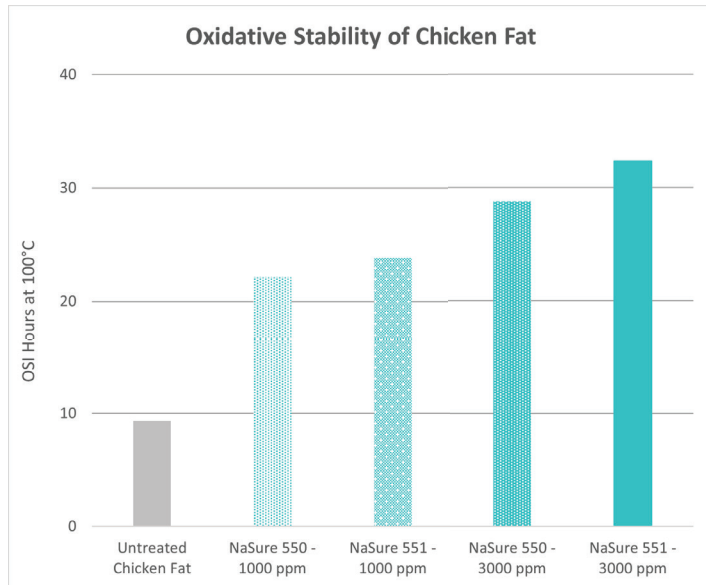
## PLANT-BASED SHELF-LIFE SOLUTIONS

Today's customers want more options with natural ingredients — including natural antioxidants to stabilize fats, oils and finished pet food ingredients. Our NaSure<sup>®</sup> plant-based shelf-life solutions provide a natural choice when extended shelf life is needed. Our portfolio includes mixtures of tocopherols, rosemary, green tea, acerola and other plant sources that provide high antioxidant activity.

**Xtendra**<sup>®</sup>  
shelf life solutions

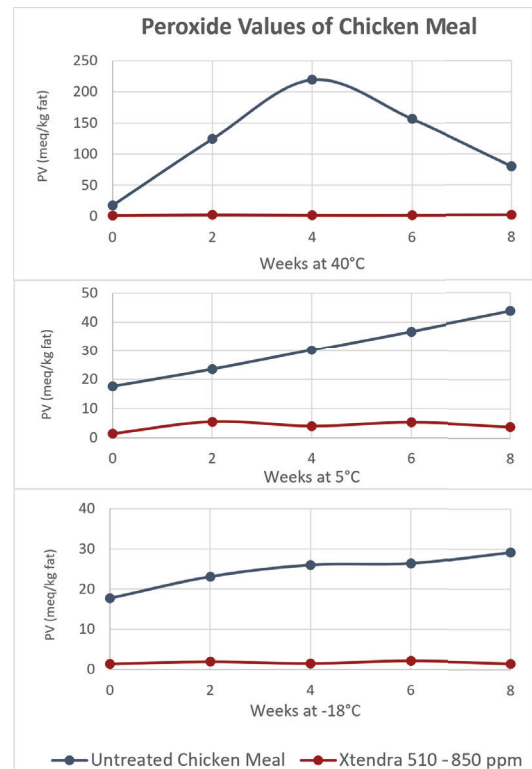
## TRADITIONAL SHELF-LIFE SOLUTIONS

Xtendra<sup>®</sup> traditional shelf-life solutions utilize ingredients like BHA, BHT and propyl gallate. These ingredients have long been proven to protect the oxidative stability of pet food ingredients from the raw material stage to the finished product. Plus, only CFS gives you the total control of vertical integration for traditional antioxidants, so we can customize the exact formulation you need while ensuring top quality control.



NaSure<sup>®</sup> natural antioxidants, above, can increase the oxidative stability of fats and oils, keeping them fresher, longer.

Xtendra<sup>®</sup> traditional antioxidants, right, keeps oxidative by-products, such as peroxide values, at acceptable levels under different conditions over time.



Bringing science to everyday life

**CFS North America, LLC**  
3179 99th Street  
Urbandale, IA 50322 USA  
Phone: 515-278-1559  
Toll: 1-844-808-2063  
Email: info.us@camlinfs.com