

TAILOR-MADE SHELF LIFE SOLUTIONS FOR YOUR PRODUCTS

Camlin Fine Sciences: Customer Application Laboratory

For more than 25 years, Camlin Fine Sciences has been providing reliable shelf life solutions to the food, pet food, animal feed and rendering industries. Our Customer Application Laboratory is here to help with tailor-made solutions and high-quality standards. With extensive antioxidant expertise, we offer shelf life testing and an extensive application research library—ensuring your formulations meet every requirement.

LAB TESTING CAPABILITIES

Oxidative By-Products

- Multiple testing methods to quantify both primary and secondary oxidation by-products
- Includes peroxides, aldehydes, alkenals, TBAs, and free fatty acids

Compare different antioxidants or dosages through dose-response testing

- High Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC)
- Analyze TBHQ, BHA, BHT, Propyl Gallate, Ascorbyl Palmitate, Citric Acid, Rosemary Actives (Carnosic Acid, Carnosol), Ascorbic Acid (Acerola), Catechins (Green Tea), and Mixed Tocopherols

Accelerated or Real-Time Shelf Life Evaluations

- Storage chambers speed up oxidation of food products (e.g., 12-week evaluations)
- Refrigerators and freezers for on-going, real-time tests
- Custom testing schedules designed to fit your needs

Relative Shelf Life Determination

- Oxidative Stability Index (OSI) for fats and oils
- OXITEST for dry products (crackers, cereals, pet food)
- Compare different antioxidants or dosages through dose-response testing

WE'RE HERE TO HELP.

We combine proven expertise with continual innovation to protect your products, enhance brand reputation, and support your business growth every step of the way.

- A global vertically integrated manufacturer of specialty ingredients.
- Global supply chain with local support
- Flexibility to produce tailored blends to your needs
- Industry-leading antioxidant expertise