



kalsec®

Products, Service and Science you can trust...naturally.™

Natural Solutions

# Antioxidants



## Manage Oxidation Naturally

For more than twenty years, the Kalsec® team of oxidation management scientists has been dedicated to finding natural antioxidant solutions for your products. Revolutionary rosemary-based Herbalox® Seasoning set the bar for natural oxidation-inhibiting products and has created the foundation for an array of leading-edge, label-friendly antioxidant solutions. These include formulations that achieve maximum antioxidant performance in extremely flavor sensitive applications. Let our experience work for you. Ask our technical staff to help you arrive at the most relevant, reliable and value-based antioxidant solution for your products.

Pet Foods

Meats

Oils

Beverages

Seasonings

Poultry



## Partner with Kalsec® for the Competitive Advantage.

Customers throughout the food industry have enjoyed success with the help of Kalsec®'s problem-solving expertise and natural antioxidant solutions.

### MAXIMIZING STABILITY IN OIL

#### INDUSTRY SOLUTIONS FOR YOU



The science at Kalsec® can lead to problem-solving solutions benefiting an entire niche food industry.

A successful edible oils producer seeking maximum protection for lipid oxidation in the fry process was faced with a competitive environment and needed a natural oxidation management solution. It was important that the natural antioxidant impart no odor or flavor.

Our technical staff collaborated closely with our customer, provid-

ing considerable application, process development and technical service, and ultimately delivered a successful and novel oxidation management solution.

As a result, the edible oils industry now has a unique solution to oxidation management with far-reaching benefits. Trust your next challenge to Kalsec®'s science, products and service.

### ON-SITE SPEED, EXPERIENCE & CREATIVITY = SUCCESS

#### PARTNERING FOR PERFECTION

In tandem with our lab, the Kalsec® logistics team went to work on the lines of a customer's meat plants in two locations.

After working side by side with the customer during multiple plant trials, the beef was sent to Kalsec® to be reviewed for dose confirmation and distribution testing. A solution to their oxidation management problem was found within 24 hours. The application of Herbalox® Seasoning proved to

be the ideal oxidation inhibitor for our customer's line of products.

By incorporating premium supply chain logistics and utilizing our exclusive stainless steel totes in a reciprocal arrangement, a solution was found. Kalsec®'s unique problem-solving capabilities helped a valued customer get their product to market on schedule and on budget.



## ANTIOXIDANT PRODUCT SOLUTIONS

### Herbalox® Seasoning

Providing consistent and trusted performance, Kalsec® natural antioxidant product solutions are meticulously designed to keep foods fresher, longer. Derived from a natural rosemary extract, Herbalox® Seasoning is ideal for a diverse selection of applications, ranging from meats to oils to beverages. Kalsec®'s scientists have harnessed the strength of rosemary to deliver a range of blends that meet your oxidation-management needs in flavor and aroma-sensitive applications.

### Duralox® Blends

Developed for applications that are highly susceptible to oxidation, Duralox® Blends combine different modes of action, countering oxidation on several levels. These custom-developed blends target specific oxidation concerns for a variety of applications including beverages, edible oils and pet foods. The blends contain natural herb extracts and vitamins, optimally formulated into a convenient liquid system, which provides consistent performance.

## The Kalsec® Oxidation-Control Advantage

### Leading-edge Innovation in Natural Antioxidants

*Ground-breaking patented Herbalox® Seasoning*

*20 years of successful application*

### Maximum Adjustability

*Maximize your antioxidant activity while controlling flavor and aroma*

### Technical Expertise

*R&D and applications support*

### Consistent

*Carefully standardized flavor, aroma and antioxidant activity*

### Water and Oil Dispersible

*Flexible and easy to use in any type of formulation*

### Reliable Supply

### Natural Labeling Opportunities

### Kosher Approved (U)

### Non-GMO Blends Available

### Organic-Compliant Products Available

