

# **KEMIN NUTRISURANCE: PET FOOD & RENDERING TECHNOLOGIES**

OXIDATION CONTROL

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PALATABILITY

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FOOD SAFETY

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HEALTH & NUTRITION

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## WHO WE ARE

We are scientists, engineers and experts in the pet food and rendering markets. Our team spans across six continents.

## WHAT WE DO

We provide industry-leading solutions for pet food stability, safety, palatability and nutrition.

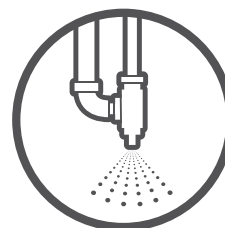
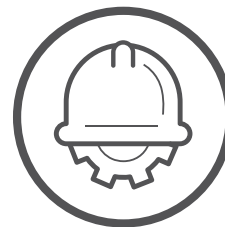
## OUR EXPERTISE

Our dedicated teams specialize in every phase of the pet food supply chain and manufacturing process.

## WHY WE'RE DIFFERENT

Leading pet food manufacturers, renderers and ingredient suppliers recognize that *Kemin is Assurance*, delivering specialized expertise, innovative products and unrivaled support every step of the pet food and rendering value chain — from oxidation control and food safety to palatability and nutrition — with a dedicated team of technical experts, application engineers and scientists.

**Servicing the market since 1989,**  
**Kemin Nutrisurance:**  
**Pet Food & Rendering Technologies serves over one thousand pet food and rendering customers across the globe.**



## OUR SERVICES

### Technical Services Managers (TSM)

Kemin Nutrisurance provides ongoing customer support through a dedicated Technical Services Team. This team brings support across the globe, no matter where the customer is located. Leveraging extensive pet food industry experience, Technical Services Managers (TSMs) partner with customers to troubleshoot and find solutions for product-related issues throughout every step of the pet food manufacturing process.

### Kemin Application Solutions (KAS)

Every pet food production and rendering facility is unique, which is why Kemin Nutrisurance provides custom equipment solutions and training through a dedicated Kemin Application Solutions (KAS) team. Whether it's an antioxidant, antimicrobial or palatant, an ingredient's effective use depends on the proper application and distribution. Our KAS team is made up of experienced engineers and technicians who help install, maintain and optimize customer application equipment to ensure your ingredients are meeting your performance goals.

### Customer Laboratory Services (CLS)

Kemin Nutrisurance provides ongoing laboratory and analytical support through a dedicated Customer Laboratory Services (CLS) team. Our experienced scientists support customers in developing new products, troubleshooting stability and palatability challenges, and effectively using Kemin Nutrisurance products to ensure their final pet food product is shelf stable, safe, delicious and nutritious for pets. Our team of CLS scientists tout 150 years of combined industry experience.







## OXIDATION CONTROL

We **assure** the shelf life of your pet food and rendered products with our extensive range of natural and synthetic antioxidant solutions.

### Natural Antioxidants



NATUROX formulations combine mixed tocopherols, delta-tocopherols botanical extracts and emulsifiers.



VERDILOX is a blend of mixed tocopherols and sustainably sourced botanicals.



PARAMEGA stabilizes products high in omega-3 and omega-6 fatty acids.

### Available product features:

- Natural
- Non-GMO
- Sustainable
- Kosher
- Food grade
- Restricted country of origin

Individual product features may vary.  
Product offerings vary by region.

### Synthetic & Hybrid Antioxidants



PET-OX and TERMOX deliver industry-leading antioxidant solutions for pet food and rendering.



RENDOX offers blends of approved synthetic antioxidants for renderers.



HYBRILOX is a stabilization solution that provides BHA- and BHT-free options.

### Product features:

- Diverse portfolio
- Broad spectrum of activity

Product offerings vary by region.

## PALATABILITY

We **assure** optimal flavor, aroma and texture of your pet food products with our pet-approved palatants.

### Palatability Enhancers



PALASURANCE palatability enhancers are designed to improve the taste and aroma of dog and cat food products.

### Product features:

- High performance
- Innovative flavor
- Label friendly
- Plant-based or meat-based

Product offerings vary by region.

### Natural Palatability Enhancers



PALTEVA palatability enhancers are designed to improve the taste of single-ingredient and natural pet food products.

### Product features:

- Natural
- Clean label
- Restricted country of origin
- No artificial preservatives

Product offerings vary by region.

### Palatants For Wet Pet Food Applications



PALIVATE palatants are designed to increase the palatability of wet pet food including loaf and chunk in gravy.

### Product features:

- Withstand retort process
- Low inclusion in multiple formats
- Minimize effects to product integrity

Product offerings vary by region.

## FOOD SAFETY

We **assure** mitigated risk of your pet food and rendered products with our natural and synthetic food safety solutions.



### Mold Inhibitors



PREVION provides natural mold control and extends the microbial shelf life of treats.

#### Product features:

- Label friendly
- Microbial control
- Safe handling
- Maintains palatability

Product offerings vary by region.



ACLARION is a synthetic line of anti-fungal preservatives formulated for the pet food supply chain to inhibit mold and yeast growth.

#### Product features:

- Microbial control
- Optimize moisture content
- Formulated for pets
- Ensures palatability

Product offerings vary by region.

### Antimicrobials



ALLINSUR protects microbial and oxidative freshness of rendering raw materials and ingredients.



RENTERRA provides natural management of raw material and ingredient food spoilage risks.

#### Available product features:

- Microbial control
- Oxidative management
- Label friendly
- Natural or synthetic

Individual product features may vary.  
Product offerings vary by region.

## HEALTH & NUTRITION

We **assure** enhanced nutrition of your pet food products with our specialty proteins and immune-support ingredients.

### Specialty Proteins



PROSURANCE products include hydrolyzed and non-hydrolyzed proteins from a variety of sources.

#### Available product features:

- Hypoallergenic
- Highly digestible
- Label friendly
- Highly palatable

Individual product features may vary.  
Product offerings vary by region.



### Functional Ingredients



PRALISUR is an algae-sourced 1,3-beta-glucan for immune support.

Product offerings vary by region.



PEPTASUR is a combination of hydrolyzed protein and beta-glucan for nutrition and immune support.





## Kemin Nutrisurance

We are compelled to provide safe and delicious ingredients to improve our pets' food so they can have the best quality of life. Kemin delivers specialized expertise, innovative products, and unrivaled support every step of the way for leading pet food companies, manufacturers, renderers and ingredient suppliers. From oxidation control and food safety to palatability and nutrition, Kemin is **Compelled by Curiosity™** to ensure pets around the world are living happy and healthy lives.

**KEMIN®**  
Compelled by Curiosity™