

Barentz.

YeaSel 3000 Organic Selenium Yeast



What is YeaSel 3000??

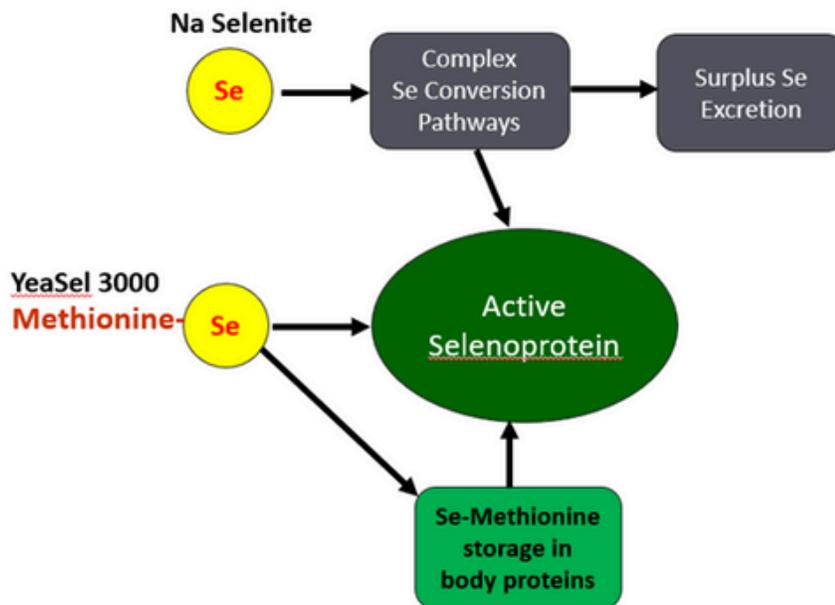
Angel Yeast is one of the world's largest producers of high-quality yeast and yeast derivatives for food and nutrition & health. Angel Animal Nutrition division has partnered with Barentz North America, LLC to deliver these high-quality products to the US market

High Bioavailability!

YeaSel is recognized as a source of organic selenium. It is produced by submerged fermentation of *Saccharomyces cerevisiae* in a selenium-rich media. Through this process it converts inorganic sodium selenite into an organic form of selenium increasing its bioavailability.

The selenomethionine in YeaSel is actively absorbed from the small intestine by amino acid transport mechanisms and transported to the liver for incorporation into selenoproteins or directly to other tissues for incorporation into tissue protein. On the contrary, sodium selenite is passively absorbed and must be converted to selenoproteins in a more inefficient process where a surplus of selenium is excreted in the urine rather than stored in the tissues.

Selenomethionine fast tracks synthesis of active Se



YeaSel 3000

Organic Selenium Yeast

Efficient Antioxidation:

Selenium acts as a component of the main antioxidant cellular enzyme, glutathione peroxidase (GSH-Px), which destroys peroxides and protects the cell content and sub-cellular membranes from oxidative damage.

Organic selenium supplementation can significantly increase serum GSH-Px activity and total antioxidant capacity, decrease serum malondialdehyde (MDA) content, and effectively prevent myoglobin or oxygenation of myoglobin into ferric oxide myoglobin, deepen muscle red degree and improve the color grading.

Research Proven Performance Benefits of feeding YeaSel:

- Improves selenium deposition & availability
- Optimizes reproductive performance
- Optimizes immunity & antioxidant capacity
- Improves carcass quality

Recommended Inclusion Rate YeaSel 3000:

General inclusion rate for all species: 0.1 to 0.2 lbs per ton of finished feed.

Diets should be balanced for Selenium by a qualified nutritionist and final diets should not exceed 0.3 ppm of supplemental selenium.

Specifications::

- Ingredient: Selenium yeast (*Saccharomyces cerevisiae*)
- 25 kg bags
- Shelf-life: 24 months