



AviTrace-O

Organic trace mineral blend

Advanced Organic Minerals for Precision Nutrition



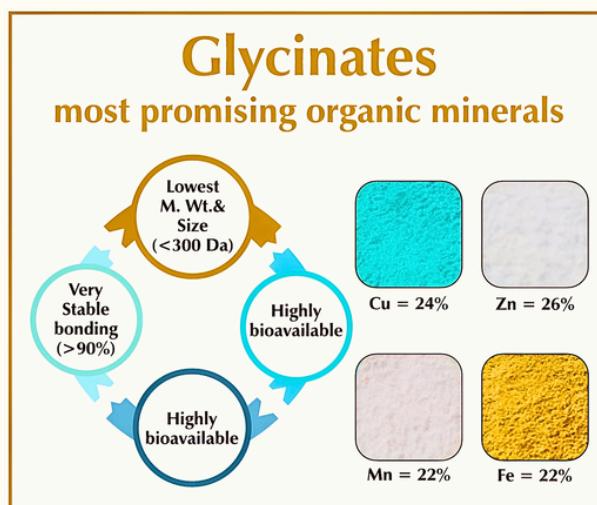
Overview

AviTrace-O is a next-generation organic trace mineral formulation (TMC) developed to meet the advanced nutritional requirements of modern poultry production systems. It delivers essential trace minerals in highly bioavailable glycinate and yeast-based forms, ensuring superior absorption, targeted tissue deposition, and reduced mineral antagonism. AviTrace-O supports immunity, growth performance, skeletal strength, reproductive efficiency, and egg quality while minimizing mineral excretion and environmental load.



Composition

AviTrace-O contains **Copper Glycinate**, **Zinc Glycinate**, **Manganese Glycinate**, **Iron Glycinate**, Iodine as **EDDI**, **Yeast Selenium**, and **Organic Chromium**, precisely balanced to ensure consistent bioavailability and metabolic efficiency.



Mode of Action

- Enhanced Mineral Absorption:** Glycine chelation protects minerals from digestive antagonism, allowing efficient absorption in the intestinal tract.
- Targeted Nutrient Delivery:** Organic trace minerals are effectively deposited in bones, muscles, and tissues, improving bird performance and structural strength.
- Stress & Immune Support:** Organic selenium and chromium strengthen antioxidant defense, immune response, and stress tolerance.

- Optimized Metabolism: Chromium supports carbohydrate and lipid metabolism, particularly beneficial under heat stress and high-production conditions



Benefits

- Improves weight gain, feed conversion ratio, and meat quality
- Enhances skeletal development and overall bird health
- Boosts reproductive efficiency, egg production, and hatchability
- Improves semen quality and fertility performance
- Enhances egg shell strength and egg quality
- Increases antioxidant capacity and immune response
- Improves mineral deposition in tibia and muscle tissues
- Reduces oxidative stress and metabolic burden



Dosages

Poultry Type	Dosage
Broilers	0.5 kg per tonne of feed
Layers	0.5 kg per tonne of feed
Breeders	0.75 kg per tonne of feed



Presentation

- Available in 25 kg moisture-protected laminated bags
- Physical Form: Free-flowing powder with high miscibility and water solubility



Why Choose AviTrace-O?

- Reduced mineral loss during gastrointestinal transit
- Lower environmental mineral load and toxicity
- Eliminates mineral antagonism during absorption
- Enhances fertility, immunity, and overall productivity



At Rigel Global Pvt. Ltd., we are committed to enhancing animal health, productivity, and overall well-being through advanced nutritional and healthcare solutions. Our Animal Health & Nutrition Division partners closely with farmers, veterinarians, and feed manufacturers across India and international markets, delivering scientifically validated products that support performance optimization, immune strength, and sustainable production in poultry, livestock, and aquaculture. Backed by a robust research-driven approach and global collaborations, we integrate internationally proven formulations with region-specific technologies to address the dynamic needs of the poultry, dairy, and aquaculture industries. Our diverse portfolio spans feed additives, probiotics, veterinary formulations, and biosecurity solutions –each developed with a strong focus on quality, efficacy, and safety.

Guided by our core principles of Integrity, Innovation, and Impact, Rigel Global Pvt. Ltd. strives to strengthen the food value chain while empowering partners with dependable products and expert technical support. We believe that healthy animals are the foundation of a healthy world, and every solution we deliver reflects this enduring commitment.



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