



# Orgochel F

## An Optimized Blend of Chelated Minerals & Essential Vitamins

Trace minerals have a wide range of activities and functions within the body, being involved individually or collectively in general metabolism, reproduction, the immune system, growth, development and repair of various tissues and ultimately production functions and as the name suggests Trace minerals are required in very small amounts in the diet and their uptake from the digestive tract can be impaired by other dietary components or the presence of 'antagonists'.

Natural feedstuffs such as corn, wheat, soybean meal, etc. contain essential trace elements, which are required by animals. However, these trace elements are often in a form which renders them unavailable to the animal. Also, even if the elements were totally available, in many cases, they would not be in adequate concentrations to meet the animal's requirement. Therefore, when deficiencies of one or more of the trace mineral elements exist in a diet, they are usually provided to the animal in an inorganic or organic supplemental form, externally

One of the important strategies for reducing trace mineral concentrations in diets without affecting the animal's performance is the inclusion of organic sources of mineral that have higher bioavailability and greater body retention than the inorganic form. The protected minerals may be more available than inorganic minerals and may not react with digesta due to both their chemical and physical structures.



Organic minerals with ligands presenting long chains may require digestion prior to absorption. After absorption, organic minerals may present physiological effects, which improve specific metabolic responses, such as the immune response. The positive effects of organic minerals on animal performance appear mainly due to higher bioavailability as compared to inorganic sources.

Chelates and other complexes are useful in animal nutrition to protect trace minerals during digestion. The objective of forming chelates is to increase the bioavailability of minerals to the animals to support metabolic functions.

Chelated trace minerals are suitable for use in all species and can replace 25-40% of the supplementary inorganic minerals as a means of providing highly available trace minerals.

Some of the scientifically proven benefits of Chelated trace minerals include;

- **Cattle, Sheep and Goat:** Improved performance, reproductive efficiency, hoof health and milk production with lower somatic cell counts
- **Pigs:** Improved sow productivity, growth rates and feed efficiency with reduced mortality
- **Equine:** Improved hoof growth and integrity and skeletal development, better reproductive efficiency and enhanced immune function

### The benefits of feeding Orgochel F include:

- Counters Vitamin and Mineral deficiencies
- Maintains pregnancy and helps in better foetal growth
- Regulates various metabolic processes
- Improves fertility and reproductive performance
- Reduces somatic cell counts
- Enhances immunity
- Reduces mortality and ill health
- Improves performance in growing animals
- Counters stress due to production and environment



### Each gram of OrgoCHEL F consists of:

Calcium 24.00 % | Phosphorus 12.00 % | Cobalt 0.15 mg | Copper 1.67 mg | Iodine 0.50 mg  
Iron 3.00 mg | Magnesium 5.00 mg | Manganese 1.67 mg | Potassium 0.15 mg | Selenium 0.015 mg  
Sodium 5.00 mg | Sulphur 0.01 mg | Zinc 5.00 mg | Vitamin A 750.00 IU | Vitamin D3 75.00 IU Vitamin  
E 0.025 IU | Biotin 0.030 mg | Nicotinamide 1.00 mg | DL- Methionine 10.00 mg | L- Lysine 5.00 mg

### Recommended usage:

**Cows, Buffaloes, Camels & Horses:** 25-30 grams per animal once or twice daily either in feed or water  
**Calves, Foals, Sheep & Goat:** 10 to 15 grams per animal once or twice daily either in feed or water

### Presentation:

HD Aluminum foil pouch of 250 g, 500 g, 1 Kg & 5 Kg

Free From Hormones & Antibiotics

Animal Feed Supplement

Not For Medicinal use

Not For Human Use

## Catalyst LifeSciences Pvt. Ltd.

An ISO 9001:2015, ISO 14001:2015, HACCP Compliance Certified Company

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DISPOSAL OF BAD AND OUTER PACKAGE: Do not contaminate water, food or feed by storage and disposal. Completely empty container into application equipment. Triple rinse pail and offer for recycling or reconditioning. Containers can also be disposed of in a sanitary landfill or by incineration, or in accordance with guidance from your local waste regulation authority, such as by burning (if burned, stay out of smoke). When applying this product to water bodies, avoid solid particles from falling on nearby ground where birds and feed may be present.