

MINDOT-AQUA

Aqua Mineral & Amino Acid Growth Supplement Veterinary Feed Supplement

Description:

A high potency mineral-amino acid blend specially formulated for aquatic species (fish, shrimp, prawns). This supplement supports skeletal development, improves feed conversion ratio (FCR), enhances immune response, and addresses trace mineral deficiencies. Provides vital trace elements like iron, zinc, cobalt, and iodine, plus essential amino acids (DL-Methionine, L-Lysine Mono Hydrochloride) for protein synthesis. Also helps maintain water mineral balance and overall aqua health under intensive farming or stressed pond conditions.

Composition:

Each kilogram contains:

- Cobalt: 150 mg
- Copper: 1,200 mg
- Iodine: 325 mg
- Iron: 5,000 mg
- Magnesium: 6,000 mg
- Manganese: 1,500 mg
- Potassium: 100 mg
- Sodium: 5.9 mg
- Sulphur: 0.92%
- Zinc: 9,600 mg
- DL-Methionine: 1,920 mg
- L-Lysine Mono Hydrochloride: 4,400 mg
- Calcium: 24%
- Phosphorus: 12.75%
- Base (carrier and inert agents): Q.S. to 1 kg

Category:

Veterinary Feed Supplement for Aqua

Pack Size:

1 kg box, 5 kg bucket

Indications:

- Corrects micro-mineral deficiencies in aqua species
- Enhances growth, weight gain, and shell formation (for crustaceans)
- Improves feed utilization and efficiency
- Enhances immunity and disease resistance
- Supports metabolic function and healthy development under stress

Dosage:

- Mix into aqua feed at **1-2%** of feed weight (e.g. 10-20 gm per 1 kg feed)
- Or follow veterinarian / aqua consultant guideline

Route of Administration:

Oral / Diet inclusion – mix thoroughly with feed

Usage:

Use during all growth phases: nursery, grower, and finisher. Especially helpful during periods of rapid growth, disease challenge, or environmental stress.

Advantages:

- Broad spectrum of trace minerals + key amino acids
- Strong support for shell, bone, and muscle health
- Helps prevent deficiency diseases (e.g. weak shell, growth retardation)
- Improves feed conversion – more growth per kg feed
- Compatible with standard aqua feeds

Adverse Effects:

- Generally safe if used as directed
- Excessive use can lead to mineral imbalance or toxicity (e.g. too much iron or copper)
- Monitor water quality to prevent accumulation of unused minerals

 **Schedule:**

Not applicable – non-medicated feed supplement

 **Precautions:**

- Store under dry conditions to avoid clumping or degradation
- Use clean equipment for mixing to avoid contamination
- Keep out of reach of children and non-target species

 **Withdrawal Period:**

Not applicable – nutritional / mineral feed supplement

 **Storage:**

Store in sealed containers, below 30°C, away from moisture and direct sunlight

 **Handling:**

Handle with dry, clean tools; avoid inhalation of dust; reseal packaging after use

 **HS Code:** 2309.90

 **HSN Code:** 2309.90.90

 **Special Instructions:**

- Use under guidance of aquaculture veterinarian or feed specialist
- Ensure proportionate inclusion in feed to avoid over-mineralization
- Monitor animal response (growth, shell strength, behaviour)

 **Details of Human and Veterinary Application:**

- Veterinary Use Only – for aqua species
- Not for human consumption

? Frequently Asked Questions (FAQs)

Q: What is DL-Methionine?

A: DL-Methionine is a synthetic form of the essential amino acid Methionine which helps with protein synthesis and growth.

Q: What is L-Lysine Mono Hydrochloride?

A: L-Lysine HCl is a source of L-Lysine, an essential amino acid needed for protein formation and growth in aquatic animals.

Q: Can this be used for all fish/shrimp species?

A: Yes, with correct dosage; aquatic consultant / vet should confirm for sensitive species.

Q: How soon will I see results?

A: Improvements in growth, feed conversion, shell strength, and overall vitality usually become noticeable within weeks.

Q: Is this compatible with other feed supplements?

A: Yes, if not overlapping major minerals; avoid double dosing of the same mineral sources.

