



# ANTI AMMONIUM EXTRA

## Ammonia Emission Reduction & Pathogen Control in Feed

### Suitable for aquatics

### Premix

#### Ingredients:

- Herbal extracts
- Organic acids
- Minerals

Ammonia is naturally produced as a nitrogenous waste product by protein metabolism and is excreted mainly on the surface of the gills and a small extent in the urine. Ammonia is a toxic compound for aquatic animals and causes negative effects on their health. Low amounts of ammonia causes a reduction in spawning, reduction in growth and pathological changes in the liver, kidney and gills. Ammonia toxicity is acutely due to its major effect on the central nervous system, and its symptoms include ataxia, increased irritability, tachypnea and increased cardiac output, and in severe cases, it causes seizure and death. Therefore, it is necessary to reduce the level of ammonia in the living environment of aquatic animals in order to prevent the complications caused by it.

### Mechanism of action:

The formulation of the herbal compounds in Anti Ammonium Extra is very precise and based on the active ingredients found in plants. One of these active ingredients is Allicin. Allicin is a useful substance with broad antimicrobial properties. Allicin is a natural antibiotic and is very useful for fighting bacterial and viral infections by stimulating immune cells and increasing the production of white blood cells. Curcuminoids, polyphenols and curcumins are other active ingredients in this product. These compounds have strong antioxidant and anti-inflammatory effects and help liver health by improving blood circulation and cause detoxification. These ingredients enhance the digestive system by stimulating bile secretion, and are useful in the treatment of many inflammatory bowel diseases. Piperine, another active ingredient, is an extremely strong antioxidant. Piperine increases the curcumin absorption in the body and helps to prevent the production of intestinal gases with its antibacterial effects. By stimulating taste buds and releasing hydrochloric acid, piperine causes better digestion of food. Piperine also prevents the growth and proliferation of aquatic parasites with its anti-parasitic properties. The organic acids and minerals in this product have antibacterial and antifungal effects, and by reducing the pH of the digestive system, they increase resistance to diseases. In general, Anti Ammonium Extra has an antimicrobial effect and increases the passage time of food through the intestines, as a result, by reducing the number of harmful bacteria and better absorption of water and food in the intestines, reduces ammonia excretion.

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### Indications:

- Reducing bacterial and fungal contaminations in feed
- Reducing water ammonia
- Reducing water pH
- Reducing respiratory diseases
- Reducing enteritis and intestinal diseases
- Reducing parasitic diseases
- Appetite and growth stimulant
- Increasing spawning
- Increasing growth
- Preventing damage to liver, kidney and gills



**Recommended dosage:**

0.5 kg/ton of feed

**Drug interaction:**

Compatible with all kinds of commonly used drugs, additives and vaccines

**Withdrawal period:**

No withdrawal period is required

**Side effects:**

It is a totally natural compound and there is no side effect or risk of resistance

**Storage conditions:**

keep in dry place and store in less than 25 °C, away from direct sunlight and in sealed packets.

**Packaging:**

25 kg packets

**Best time to use:**

9 months after the date of manufacture



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