

#### When to use?

CALCIFIT AQ is formulated to enhance the nutritional value of feed for several fish and shrimp species. Its primary purpose is to ensure that aquatic animals receive adequate amounts of essential minerals and trace elements, which are vital for physiological functions, skeletal development, and overall well-being.

#### What are the benefits?

The integration of CALCIFIT AQ into aquaculture diets yields a multitude of benefits, enhancing productivity across various sectors of aquaculture farming:

- ◆ **Promotes Strong Bones and Shells:** Supplies essential calcium, phosphorus, and magnesium to enhance skeletal and shell strength in aquatic animals.
- ◆ **Improves Mineral Absorption:** Ensures efficient utilization of minerals for growth and maintenance through highly bioavailable forms.
- ◆ **Boosts Metabolism:** Supports energy production and enzyme activation, vital for overall health and performance.
- ◆ **Enhances Stress Resilience:** Provides essential nutrients to combat stress during critical periods, such as spawning or environmental changes.
- ◆ **Supports Immune Health:** Zinc and copper contribute to improved immunity and faster recovery from diseases or injuries.
- ◆ **Prevents Deficiencies:** Regular supplementation prevents mineral-related deficiencies, ensuring optimal health and productivity.
- ◆ **Supports Vitamin B12 Synthesis:** Cobalt aids in red blood cell formation and metabolic efficiency.



#### What is AQUAVITAL?

CALCIFIT AQ is a high-quality supplement designed to support optimal bone development, growth, and overall skeletal health in aquatic animals. Its unique formulation ensures the bioavailability of essential minerals, including calcium and phosphorus, to meet the nutritional needs of fish and shrimp, especially in fast-growing species or during periods of high demand. The high concentrations of phosphorus and calcium will enhance the shell quality and help the molting process in shrimp.

# CALCIFIT AQ

## Mineral and trace elements

Vital for Physiological Functions, Skeletal Development, and Overall Well-Being



#### **Dosage and Administration:**

**Growth and Maintenance:** 1 to 2 kg per ton of feed daily for consistent support of skeletal health.

**During Rapid Growth Phases or Breeding:** 2 to 3 kg per ton of feed daily to meet increased calcium and phosphorus demands.

**Post-Molting or Shell Hardening (For Shrimp):** 2.5 to 3 kg per ton of feed daily to aid in exoskeleton formation and recovery.

**Before yielding:** 10 g per ton of feed in 1 to 2 days before yielding.

Mix **CALCIFIT AQ** with fish oil or a binder to adhere to feed pellets.

#### **Packaging:**

**CALCIFIT AQ** is conveniently packaged in 1 kg can and 5 and 10 kg buckets, ensuring convenient handling and storage.

#### **Storage Conditions:**

To maintain the efficacy of **CALCIFIT AQ**, it is crucial to store the product in a cool, dark environment, away from light and heat sources, at a temperature between 5°C and 25°C.

#### **CALCIFIT AQ's unique formulation includes:**

CALCIFIT AQ ingredients plays a crucial role in supporting various metabolic processes and improving feed efficiency in aquatic animals.

- ◆ **Phosphorus:** Enhances skeletal development and mineralization, crucial for strong bones and shells. Supports energy metabolism through its role in ATP production.
- ◆ **Calcium:** Provides bioavailable calcium and phosphorus for bone and shell strength. Improves muscle function and reduces stress-related deficiencies.
- ◆ **Magnesium:** Supports enzyme activation and metabolic processes. Aids in nerve function and muscle relaxation, critical during stress.
- ◆ **Sodium:** Regulates osmotic balance and acid-base homeostasis. Enhances nutrient transport and absorption.
- ◆ **Manganese:** Essential for cartilage formation and growth. Acts as a cofactor in antioxidant enzyme systems to reduce oxidative stress.
- ◆ **Zinc:** Boosts immune function and wound healing. Supports proper skin, scale, and shell development.
- ◆ **Copper:** Aids in hemoglobin synthesis and oxygen transport. Improves immune responses and overall health.

Contact us  
AGROFIT

Databanweg 26, Amersfoort 3821 AL, The Netherlands.

Sales office: Nidakule Merdivankoy mh. Bora sk.  
No1, Floor7, 34732.  
info@agrofit.nl

Visit us on the Web:  
www.agrofit.nl



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