



Vitamins and mineral cocktail to boost animals

VITATECH is an additive solution that provide extra vitamins and minerals to shrimp when required for specific periods or events.

Although vitamins concentration are quite low in feed, they are essentials to numerous metabolic functions of shrimp.

- Vitamin C, E and sélénium, are usefull in **handling oxydative stress** due to changes in farm conditions or pathologies.
- Vitamin A is involved in **mucus production**, first barrier against pathogens and external threats.
- Folic Acid plays a role in **biosynthesis of nucleotides** forming ARN and ADN.

Beside well known interest of calcium in shell **formation** or role of copper in oxygen transportation, minerals have many other functions. Like participating as **cofactors in enzymatic** reaction (Copper, Zinc).

VITATECH is an original additive solution that can be used in feed. It is directly incorporated after grinding together with the other additives.

VITATECH can also be applied daily and directly by the farmer on top of the feed. To do this, mix VITATECH with clear water or quality fish oil then spray the mix on the feed.

Use the preparation within 24 to 48h maximum.

| Ingredient | Amount in Vitatech | Amount in feed (0,5%) |
|------------------|--------------------|-----------------------|
| <i>Vitamins:</i> | | |
| Vitamin A | 1 100 000 UI | 5 500 UI/kg |
| Vitamin C | 11 000 mg | 55 mg/kg |
| Vitamin E | 2 100 mg | 10,5 mg/kg |
| Folic Acid | 220 mg | 1,1 mg/kg |
| Vitamin K3 | 400 mg | 2 mg/kg |
| Vitamin B1 | 400 mg | 2 mg/kg |
| <i>Minerals:</i> | | |
| Copper | 3 500 mg | 17,5 mg/kg |
| Iron | 3 200 mg | 16 mg/kg |
| Zinc | 7 000 mg | 35 mg/kg |

USE

Shrimp : 5kg/T of feed