



# BACIMOR



## BACIMOR CAA/M16/PRO/00511 Hi-Spore Hatchery (HSH)

**HI-LINE AQUA**, established in 1993, is a pioneer in aqua health care products. HI-LINE AQUA produces a wide range of efficient Probiotics with a high concentration of Bacillus spores, in the registered brand name of **BACIMOR**, for exclusive use in aquaculture since 2003. **BACIMOR (HSH)**, specially formulated for Shrimp hatchery, contains a scientifically selected consortium of gram positive Bacillus species, **100 Billion CFU / gram**, that occur naturally in the intestinal tracts of shrimp larvae and post larvae.

Bacillus microbes of **BACIMOR (HSH)** easily colonize in the intestinal tract of shrimp larvae, and compete with and inhibit pathogenic bacteria, especially vibrios. They also inhibit vibrios in the tank water. As post-larvae moult frequently, **BACIMOR (HSH)** should be used in the feed to maintain gut colonization.

### Ingredients

Mixture of different strains of Bacillus species (100 Billion CFU / gm)

- ✓ Bacillus subtilis
- ✓ Bacillus licheniformis 1
- ✓ Bacillus licheniformis 2
- ✓ Bacillus megaterium
- ✓ Bacillus polymyxa
- ✓ Bacillus pumilus
- ✓ Bacillus amyloliquefaciens

## Dosage and Application:

### Preparation of Suspension

Prepare a germinated suspension of spores at 2 g/L as follows:

- Take 1L of sterile fresh or salt water and add 2g dry spores of BACIMOR (HSH).
- Mix, cover and stand for about 8 - 10 hours, maintaining temperature at around 30° C.  
Aerate or mix to resuspend solids if possible.

### For Larval Rearing Tank Water

- Add suspension to the water at the rate of 500 ml/ton, a day before adding nauplii.
- Add suspension at the rate of 125 ml/ton every day for Zoea and PL 1 and add 250 ml of the suspension for every addition of one ton of water.
- Add suspension at the rate of 125 ml/ton every day from PL 2 till harvest.
- When changing water, lower the water level first, and then apply the suspension.
- If a severe vibriosis problem or conversion problem exists, double the volume of the BACIMOR (HSH) suspension added to the tank water.

### For Larval Feed

- For each 1 kg of feed, take 100 ml of the suspension and mix it well with the feed before applying it to the tanks.
- It is preferable to store the suspension in a refrigerator. DO NOT FREEZE.

### For Artemia

- Add BACIMOR (HSH) suspension at the start at the rate of 200 ml per 100 litres in the Artemia tank.
- Then add BACIMOR (HSH) as a dry powder (not hydrated) at the rate of 0.5g/100 litres, after hatching.
- Wash as per your normal schedule but do not apply iodine rinse.
- For storing the Artemia nauplii after washing, add 50 ml suspension per 100 litres of storing water.

### For Broodstock and Maturation

- Mix 0.5 g of BACIMOR (HSH) in 100 ml of sterile water and allow to stand for 10 - 12 hours, if possible, with aeration. Mix this directly with 1 kg of commercial or fresh hatchery feeds and distribute them to maturation tanks.
- If only one batch of feed is made every day, then it is best to store the suspension in a refrigerator before use, or store the feed after mixing with the BACIMOR (HSH) suspension in a refrigerator.

## Product Form and Packing

- Free-flowing Light Brown coloured dry powder.
- 250 g of BACIMOR (HSH) product packed in a plastic container.

### Note

- Be sure all employees in contact with spore products wear dust masks.
- Store BACIMOR (HSH) products in a cool, dry environment.
- If kept dry, products will be good for 2 years.



[www.hilineaqua.com](http://www.hilineaqua.com)



Formulated & Marketed by

**HI-LINE AQUA PRIVATE LIMITED**

+91 44 2441 6311 | +91 94440 79430

admin@hilineaqua.com | hiline.aqua@gmail.com

63/1, 3rd Main Road, Kasturba Nagar, Adyar, Chennai - 600020, Tamilnadu, India