



**NuRi**  
**3K**

**INHIBIT PATHOGENIC BACTERIA**

## PRODUCT SPECIFICATION

### 1. INHIBIT PATHOGENIC BACTERIA THAT CAUSE AQUACULTURE'S DISEASE

Effectively control vibrio number in digestive tract.

### 2. NO CULTIVATION IS NEEDED

High activity of spores easily adapt to the changes of surroundings and grow fast in freshwater or seawater culture farming.

### 3. HIGH SAFETY PROBIOTIC STRAIN

Bacillus strain isolated from intestine of whiteleg shrimp.

### 4. INCREASE AQUACULTURE PRODUCTION

Apply throughout whole culture period can increase survival rate, over 90% customers satisfied with the shrimps showing better activity condition and full gut after using the product, substituting the application of antibiotics during culture period.

### 5. HIGH STABILITY OF PRODUCT

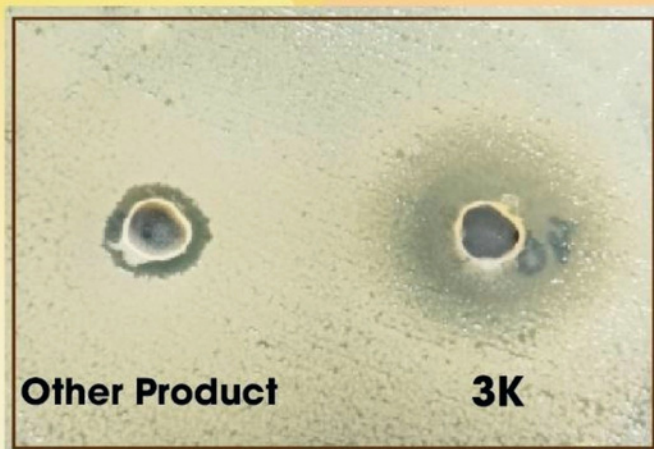
Anti-vibrio effect is stable under room temperature storage, no need to put at cold condition.

**EFFECTIVE COMPOSITION** *Bacillus spp.* >  $10^9$  cfu/g (*Bacillus pumilus*)

## PRODUCT EFFECT

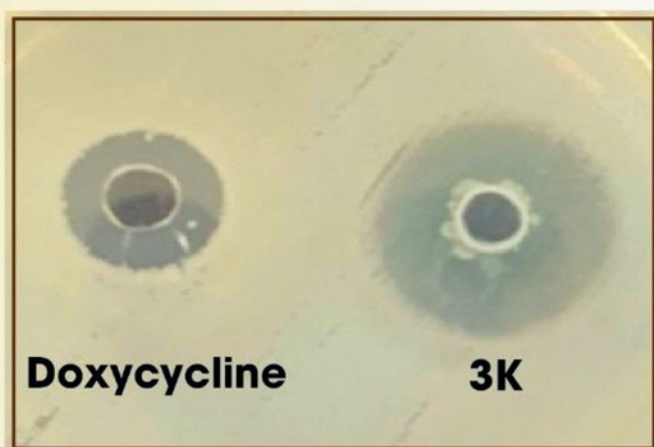
### SIGNIFICANT ANTI-VIBRIO EFFECT

3K shows stronger *anti-vibrio* effect than the other product in market.



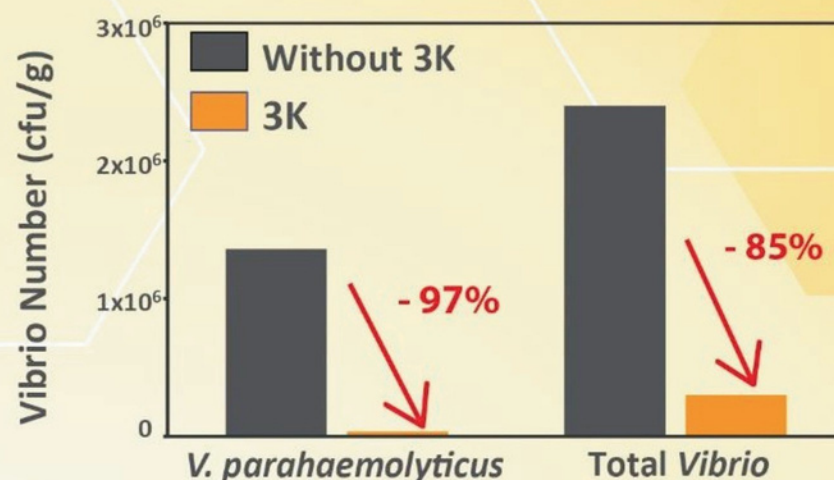
### DECREASE ANTIBIOTICS USAGE

Compared with common antibiotics, 3K works better in anti-vibrio effect.



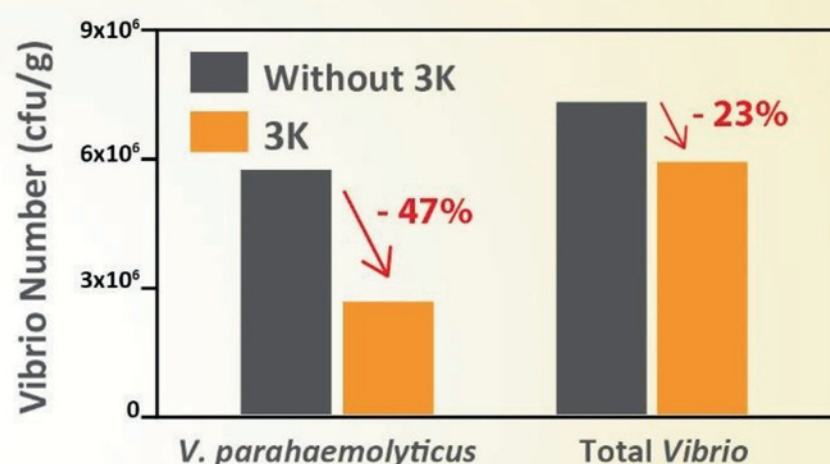
### DECREASE VIBRIO NUMBER IN HEPATOPANCREAS

After apply 3K in feed, *Vibrio parahaemolyticus* decrease 97% and total vibrio decrease 85% when compared to control group.



### DECREASE VIBRIO NUMBER IN GUT

After apply 3K in feed, *Vibrio parahaemolyticus* decrease 47% and total *Vibrio* decrease 23% when compared to control group.



## SUGGESTED DOSAGE AND DIRECTION OF USE

Apply throughout whole culture period as soon as possible is recommended to achieve better result. This product helps to establish healthy gut flora and inhibit the growth of pathogenic bacteria. Effect will be enhanced with the collaboration of BSL and Uni-Light PSB.

*Dosages can be adjusted according to conditions and practices.*

### APPLICATION:

Dissolve product with clean water and mix evenly with feed and leave until dry before feed into the pond. Suggested dosage is 5–10 g product in 1 kg feed for daily use, depending on shrimp health condition and vibrio number exceeding safety level.

### CAUTION

Avoid to use this product with the application of antibiotics.  
Direct use to achieve better result, no need to cultivate before use.

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