



**MEDLIN**  
Animal health & nutrition



# NUCLEOFORCE SALMONIDS

Immunity & Intestinal Health



**Nucleoforce Salmonids™** is a concentrated balanced free nucleotides and active precursors, obtained from yeast. With a minimum nucleotide concentration available of 34 %.

The unique composition of **Nucleoforce Salmonids™** is designed to meet precisely and specifically the needs of fish, helping the optimal development of the **immune system and digestive system**.

Thanks to its exceptional features, minimizes the intestinal inflammatory response in diets with high inclusion of plant raw materials, helping to enhance the digestibility of the diet and **improving gut health of animals**.

## MAIN EFFECTS ON SALMONIDS

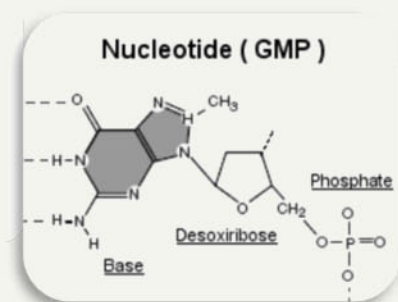
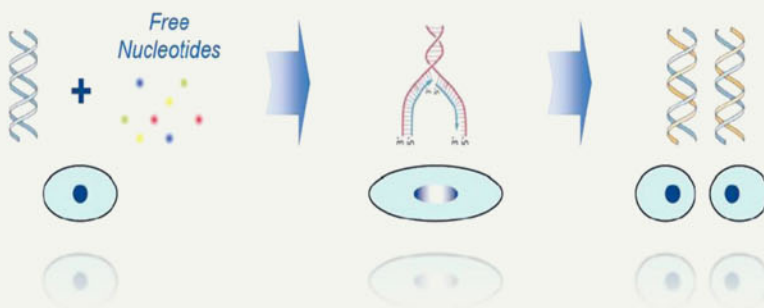
- immune system development
- Improves intestinal health
- Disease resistance
- Less variability
- Less mortality
- Better vaccine response



## FAQS ABOUT NUCLEOTIDES

### ¿What are Nucleotides?

Nucleotides are **semi-essential nutrients** that are the structural units of the nucleic acids in cells. Their molecular composition of nucleotides is based on a sugar, a nitrogen base and one to three phosphate groups.



### ¿Why are they semi-essential nutrients?

Egg and milk are substances that are naturally rich in Nucleotides, providing young animals with a source of Nucleotides available for tissues with a limited capacity for the novo synthesis.



**Main effects on animals**

Nucleotides are particularly necessary for the **development of tissues** with a high cell **Replication rate** such as **immune and intestinal** tissues.

So the **Nucleoforce Fish™** incorporation in the diet helps get animals **more resistant to disease and stress**.

They play an important role in situations where the novo or endogenous synthesis alone does not completely satisfy their needs.

**APPEARANCE**

Product in cream- colored powder with characteristic taste and aroma

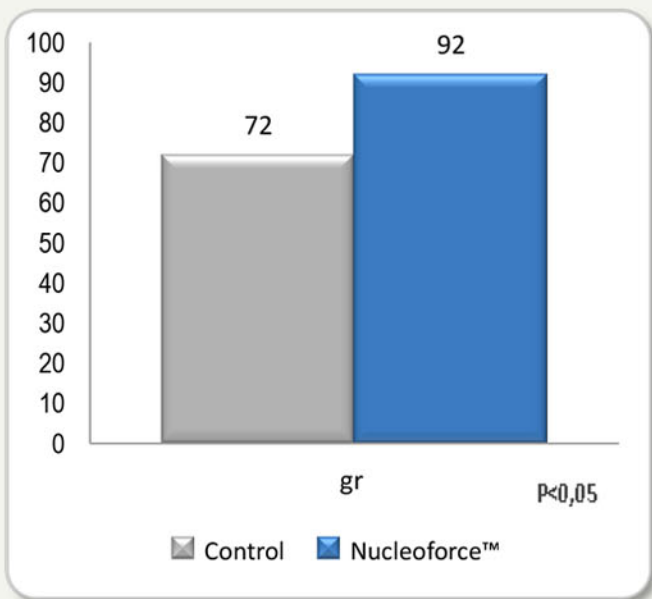
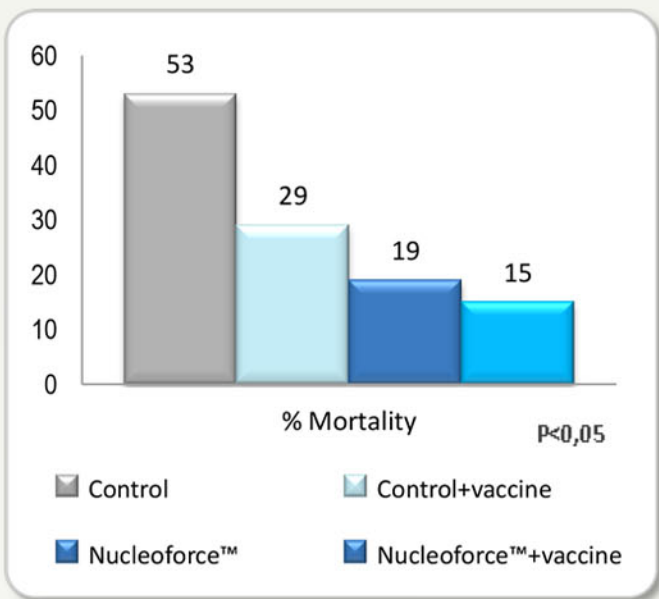
**DOSAGE**

The recommended dose is **500 g per Tone** in Salmonids feed.



**TRIALS**

Evaluation of the effect of salmonids Nucleoforce™ in the diet of fry and smolts of Atlantic salmon (*Salmo salar*), *Aquatic Health, Chile 2005*.



Cumulative mortality of 71-103d, post intraperitoneal challenge with a LD50 of *Piscirickettsia salmonis*.

Weight in grams to 71d of life