

Vannagen®

**Improves the response
of fish and shrimp to
stressful situations**



Advantages



Improve
reproductive
rates



Highly
bioavailable
nucleotides



Improves animal
response and
recovery from stress
periods



Unique
formulation to
better meet the
requirements of
aquaculture
species

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A Swiss Company 


nuproxa
efficient solutions, naturally

Vannagen®

Unique nucleotide formulation for fish and shrimp diets

Benefits

The use of nucleotides is common in fish and shrimp diets. Generally, they are used for functional purposes, to improve the animal's response to stressful situations, either management or pathogen challenge. They are also commonly used in the reproductive stages of fish and shrimp to improve reproductive indexes. There are different sources of nucleotides in the market, however, **Vannagen®** is the only one formulated to better meet the requirements of aquaculture species.

Vannagen® is a concentrated source of free nucleotides, highly bioavailable and formulated to better meet the requirements of fish and shrimp. **Vannagen®** improves the response to stressful situations, be it handling, vaccination processes, transport, reproductive phase and especially in the face of pathogen challenge.



Mode of action

Fish and shrimp have the capacity to synthesize a sufficient amount of nucleotides to cover their requirements under normal conditions. However, in stressful situations, this is not sufficient and dietary supplementation significantly improves the animal's response. Nucleotides are the building blocks of DNA and are therefore required for cells growth and reproduction, especially those cells of the organism with a higher rate of division or replacement (e.g. intestine, immune system, gills). The supplementation of nucleotides in periods of stress improves the response of the animals and their recovery.

Certified company

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