

LSAQUA SUSPRO: SHRIMP

Product description

LSAqua Suspro: Shrimp is especially designed as a protein source for shrimp species (*Panaeus monodon*, *P. vannamei* and *P. indicus*).

Contains a blend of vegetable, single cell protein, by-products, minerals and amino acid premix to furnish the essential nutrients and make a safe inclusion; while the performance of the farm is kept.

The concept of LSAqua Suspro will help you to reach the ultimate sustainability of your shrimp operations.

Benefits

- Important and valuable protein source based on natural protein
- Sustainable protein nutrient source
- Enhance disease resistance and stimulates the immune response
- Increase the specific growth rate and the feed efficiency ratio
- Increase the survival rate

Trace elements and additives

Chlorine, Copper, (Cu), Potassium (K), Salt (Cl based), Ferrous (Fe), Manganese (Mn), Inorganic Selenium (Se)

Attractants, gut immunostimulants, binders (binder plus), antioxidants permitted in EU

Nutrition Values

LSAQUA SUSPRO: SHRIMP™

Crude Protein (min. %)	75.0
Crude Fat (min. %)	4.3
Crude fibre(%)	1.4
Ash (%)	7.1
Gross energy (KCal)	4538.7
Gross energy (MJ)	19.0

Minerals

Calcium (Ca,%)	0.6
Phosphor (P, %)	1.0
Magnesium (Mg, %)	0.2
Sodium (Na, %)	0.3

Amino acids

Methionine (%)	1.7
Lysine (%)	5.0

Fatty acids

C18:3n-3 (%)	0.07
C18:2 (%)	0.70
n3 PUFA (%)	0.07
n6 PUFA (%)	6.26

Nutritional values on the delivered product may vary from the stated values in this datasheet; depending on natural variations and availability of raw materials.



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Features and usage

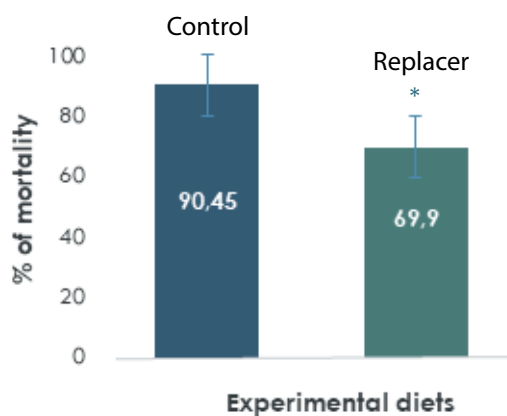
The product is available on 25-kg bags or big bags and should be used as protein source for shrimp diets. It may also be used as fish meal substitute up to 100%.

The product is manufactured 12 months before the expiry date mentioned on the label, and should be consumed preferably before that date. It is recommended to store it cool and dry.

Some results

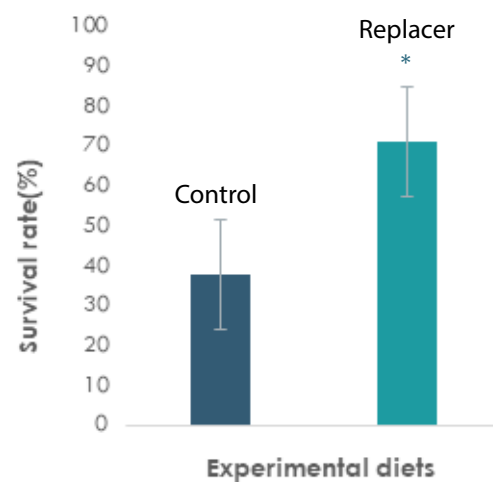
Resistance to Acute Hepatopancreatic Necrosis Disease (AHPND)

Initial weight: 0,023g Period: 28 days



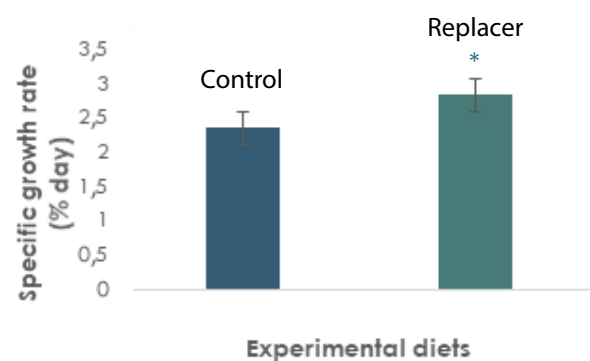
Survival and specific growth rate

Initial weight: 1,5 g Period: 60



Apparent Digestibility Coefficients

Diets	ADCs (%) of test diets	
	Reference	Replacer
Dry Matter (%)	73.32 ± 0.51	75.61 ± 0.47
Crude Protein (%)	87.78 ± 0.31	88.56 ± 0.25
Crude Lipid (%)	89.33 ± 0.96	89.89 ± 0.42
Phosphorus (%)	77.82 ± 1.04	77.37 ± 0.29
Gross Energy (%)	85.74 ± 0.29	86.51 ± 0.47



* $p < 0.05$ vs control