

# HYDRØFISH

Pure Salmon

"from sea to sea"

## Product description

Hydrolysed proteins obtained from category 3 materials deriving from fish and aquatic animals, (Article 10 of EC Regulation 1069/2009) with transformation method 7 (Annex IV Chapter III of EC Regulation 142/2011).

HYDRØFISH is built up from fresh raw material food grade trimmings with 100% traceability from fishing to the transformation.

NOT INTENDED FOR HUMAN CONSUMPTION

## Analytical characteristics (value related to as it is)

Description	Unit	Value
Dry Matter	%	Min 42
Crude Protein	%	25-30
Fat	%	10±1
Ashes	%	6±2
pH		2,6-3,0
EPA	mg/g	2,4-3,0
DHA	mg/g	3,0-4,0
Omega-3	mg/g	14,0-15,0
Omega-6	mg/g	13,0-14,0
Omega-9	mg/g	42,0-43,0
Digestibility		>95%

## Aminogram - percentage breakdown

% tot AA on CP (Crude Protein)			Value
Aspartic acid	8,6	Lysine	7,1
Glutamic acid	12,6	Proline	5,5
Alanine	6,6	Serine	3,9
Arginine	6,0	Tyrosine	2,4
Phenylalanine	3,0	Threonine	3,9
Glycine	10,2	Valine	4,2
Hydroxyproline	2,2	Cysteine and cystine	1,2
Isoleucine	3,5	Methionine	2,6
Histidine	2,1	Tryptophan	0,8
Leucine	6,2		

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N. di riconoscimento ai sensi del Regolamento CE 1069/2009 ABP11PROCP3

### Nutritional characteristics (value related to dry matter)

Description	Value
Chlorides	<2%
P <sub>2</sub> O <sub>5</sub> (P: 5,41%)	12,38%
CaO (Ca: 0,06%)	0,09%
K <sub>2</sub> O (K: 1,01%)	1,23%

### Microbiological specification

Description	Unit	Value
enterobacteria	UFC/g	≤ 300
salmonella	/25g	absence

### Freshness criteria

Description	Unit	Value
Histamine	ppm	Max 100
Total biogenic amines	ppm	Max 1000
peroxide	meq O <sub>2</sub> /g	Max 10

### Feed safety

#### Conform to European Directive

Dioxins & furans	≤ 1,25	ppt
Sum dioxins& furans +PCB type dioxins	≤ 4	ppt
PCB of other Dioxin types	≤ 30	ppb
Lead	≤ 10	ppm
Arsenic	≤ 25	ppm
Mercury	≤ 0,5	ppm
Cadmium	≤ 2	ppm

### Composition

<b>Raw materials:</b> 100% salmonids ( <i>Salmo salar</i> )	<b>Technological additive:</b> food grade ortho-phosphoric acid.
<b>Origin:</b> Norway	<b>Antioxidant:</b> BHT, tocopherols

### Product characteristics

Aspect	fluid
Smell	fish
Colour	Pale beige

### Product application

HYDROFISH is perfectly suited to farmed fish, piglet's alimentation, small veal, poultry.  
We suggest to use HYDROFISH with inclusion from 4 to 8% concentration in feed, the percentage may change in according with the formulations and applications.

Marine peptides are well known to be efficient on key-biological mechanisms: anti stress, enhance immune function, prevent early mortality and increase the feed intake.

### Sell Conditioning

Liquid Product- as it is:

IBC 1100kg

Bulk 30 tons

### Recommended Use

HYDROFISH should be stored:

- Under stirring and in a cool place
- At room temperature (10-30 °C)
- Away from sunlight
- For up to 12 months following the date of manufacture

