

H-Pro® – Salmon Protein Concentrate



Description

Feed material, produced of by-products and trimmings from farmed Atlantic salmon and Rainbow trout slaughtered for human consumption (Category 3).

The product is preserved with organic acid and hydrolysed by enzymes naturally present in the fish tissue, followed by heat treatment.

The product is in liquid form with a brownish color. Produced in Norway.

Product Information

Properties

Density: 1,19 kg/L
Viscosity (20 °C):
≈270 mPa.s.

Shelf life

24 months, provided the tank is cleaned before filling

Nutritional values

Dry matter	Min 49%
Crude protein	36-40%
Crude fat	Max. 8%
Crude ash	Max. 6%

Microbiology

Salmonella per 25 g:
Negative

Enterobacteriaceae:
<10 CFU/g

Additives

Preservative:
Formic Acid ≈4 %

Antioxidants:
BHA (1b310)
Propyl gallate (E310)
Citric acid (1a330)

Properties

Liquid	
Protein digestibility	≈ 98%
Water-soluble protein	≈ 90%
Peptides < 1000 Da	≈ 80%

Product application

Dosage in complete feed: 1-10 % H-pro®
Not for human consumption
Shall not be used in feed for ruminants

Storage and packaging

Liquid in bulk or flexibag
In closed tank at ambient temperature
Recommended to stir the product before use

Amino acids, typical values in g/100 g protein

Lysine	7,3	Valine	4,9
Methionine	2,4	Hydroxyproline	1,3
Cysteine	0,8	Glutamic acid	11,9
Threonine	4,4	Serine	4,4
Tryptophan	0,9	Alanine	6,2
Isoleucine	4,0	Aspartic acid	8,8
Leucine	6,8	Proline	4,7
Histidine	2,3	Arginine	6,0
Phenylalanine	3,8	Glycine	8,0
Tyrosine	3,0	Taurine	1,8

Minerals per kg dry matter

Calcium, g	13	Zinc, mg	900
Sodium, g	11	Iron, mg	200
Phosphorus, g	15	Copper, mg	78
Potassium, g	11	Manganese, mg	12
Magnesium, g	1,9	Selenium, mg	2,8

For use in fish feed:

Contains processed by-products from the fish species Atlantic salmon (*Salmo salar* L) and Rainbow trout (*Oncorhynchus mykiss*) - may only be used for the feeding of farmed fish of other species.

