

## BY-PRODUCTS

# HYDROLISED PROTEIN POULTRY LIVER

This is a smooth mixture of 100% fresh poultry livers from the abattoirs.  
 Produced under pressure and steam processed.

### PHYSICAL AND ORGANOLEPTIC CHARACTERISTICS

**Colour:** light brown.

**Fragrance:** fresh, without any rancid smell.

### TECHNICAL SPECIFICATIONS

#### Nutrients

Humidity	< 6%	Fats	> 15%
Protein	> 65%	Ash	< 7%
Digestible proteins	> 95%		

#### Volume

Calcium (Ca)	0.1%	Magnesium (Mg)	0.1%
Phosphorous (P)	0.9%	Potassium (K)	0.8%
Ca: P ratio	0.1	Sodium (Na)	0.3%

#### Traces

Copper (Cu)	15.3 mg/kg	Iron (Fe)	310.5 mg/kg
Zinc (Zn)	100.5 mg/kg	Manganese (Mn)	8.5 mg/kg

#### Aminoacids

Alanine	3.8%	Lysine	5.4%
Arginine	4.5%	Methionine	1.7%
Aspartic acid	6,7%	Phenylalanine	3.5%
Cysteine	0.9%	Proline	3.2%
Glutamic acid	9.2%	Serine	2.5%
Glycine	3.5%	Taurine	0.4%
Histidine	2.0%	Threonine	3.1%
Isoleucine	3.4%	Tyrosine	2.0%
Leucine	6.3%	Valine	4.2%

#### Vitamin

Vitamin A	562,075.00 IU/kg
Vitamin D-3	2877.00 IU/kg
Vitamin E	24.55 mg/kg

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*The values in this document are not specified precisely (minimum or maximum) and are based on the average values in our production. They are typical values to be used as a guideline and are not to be considered definitive values.*

### MICROBIOLOGICAL CHARACTERISTICS

Salmonella	Absence / 25g
Enterobacteriaceae	<10/g

### CONTAMINATIONS

No pesticides, lumps, insects or other foreign bodies.

### ANTI-OXIDANTS

Addition of natural or synthetic anti-oxidants on request. No added Ethoxyquin (E 324). Hydrolysed protein chicken liver may contain the anti-corrosive agent SiO<sub>2</sub> (E551a).

### MANUFACTURING AND PACKAGING

Loose. 1000 kg Big bags and 25 kg bags.

### STORAGE

Keep in a cool, dry place out of direct sunlight (+ 12-18° C).

### LEGISLATION

It is classified as a "category 3 food".  
Regulation (EC) No. 1069/2009, 999/2001, 142/2011 and amendments.

### EXPIRY DATE

6 months from the date of production in good storage conditions.

*The analytical data are indicative and may vary negligibly, depending on the production lot.*

*The analytical data of the product ordered is given in the contract at the consumer's request.*