

**BOVINE HEMOGLOBIN  
POWDER** (SPRAY DRIED METHOD)

**DESCRIPTION:**

Hemoglobin of bovine origin elaborated by means of a process of centrifugation of whole refrigerated blood (4-8C°), which is collected under sanitary regulations of slaughterhouses authorized by SENASA, it is separated from the plasma for its subsequent drying by controlled atomization, YERHEM<sup>®</sup> is a source of protein of high digestibility used in foods for poultry, pigs, pets and fish.

**TECH PROFILE:**

**SENSORY ASPECTS**

PHYSICAL APPEARANCE	FINE PARTICLE POWDER
COLOR	DARK RED
SMELL	CHARACTERISTIC
FLAVOR	CHARACTERISTIC

**PHISYCOCHEMICAL SPECIFICATION**

MOISTURE	MÁX. 7 %
PROTEIN	MÍN. 92 %
TOTAL ASHES	MÁX. 4 %

**MICROBIOLOGICAL ANALYSIS**

TOTAL MESOPHILIC AEROBIC	< 1,0 10 <sup>6</sup> UFC/g
TOTAL COLIFORMS	< 100 UFC/g
ESCHERICHIA COLI	< 10 UFC/g
SALMONELLA SPP	ABSENSE /25 g

**(A) TYPICAL ANALYSIS**

CRUDE FAT	MIN. 0.3 %
DIGESTIBILITY	MÍN. 95 %

**(B) MINERAL PROFILE**

CALCIUM	10 mg
SODIUM	0,4 %
POTASSIUM	0,3 %
MAGNESIUM	0,3 %
TOTAL PHOSPHORUS	0,2 %
IRON	2800 mg

**(C) AMINO ACID PROFILE**

ALANINE	8,0 %	LEUCINE	12,3 %
ARGININE	4,0 %	LYSINE	8,8 %
ASPARTIC ACID	9,7 %	METHIONINE	1,3 %
GLUTAMIC ACID	7,5 %	PROLINE	3,3 %
CYSTINE	0,7 %	SERINE	4,8 %
PHENYLALANINE	7,2 %	TYROSINE	4 %
GLYCINE	4,0 %	THREONINE	4,5 %
HISTIDINE	6,2 %	TRYPTOPHAN	1,6 %
ISOLEUCINE	0,5 %	VALINE	8,2 %

(A) TYPICAL PARAMETERS

(B) AVERAGE VALUES

(C) FEDNA TABLES - Spanish Foundation for the Development of Animal Nutrition

## BENEFITS:

- High protein source with great palatability, improves daily food consumption.
- Very rich in high availability iron and in essential amino acids, mainly digestible Lysine, Threonine, Tryptophan and Valine, overtaking Meat, Fish and Soybean flours.
- Does not contain biogenic amines; which allows this ingredient to be the replacement for animal origin meals, which are very inconsistent, allowing to produce more digestible and stable foods.
- The increase of consumption and its high digestibility produce remarkable improvements in feed conversion, and better performance of animals.

## APPLICATIONS:



**Poultry:** A high content of amino acids offers advantages, especially in starter diets providing digestibility for high performance. Include (2 to 2.5%) in the food preparation during the first weeks of life.

**Pigs:** In starter diets allows to produce balanced feed with a high level of digestible protein, fast absorption of amino acids in the small intestine, preventing undigested protein from reaching the large intestine. The inclusion in this species is from 1 to 3%.

**Fish:** Alternative for fish meal replacement. The high content of essential amino acids offers weight gains and conversion efficiency. Its high digestibility, reduces waste in water, improving the quality of aquatic sediment.

**Pets:** High palatability and digestibility. It improves the consumption of food, also its coloring. It does not have allergens or biogenic amines, which allows it to be used in Premium Foods.

## PACKAGING:

25 kg. Bags.

**SHELF LIFE:** 12 (twelve) months from the date of production.



Prohibited its use in the feeding of cattle, sheep, goats and other ruminants. Resolution 1389-2004-SAGPyA



Allergens declaration  
IT DOES NOT CONTAIN



IT DOES NOT CONTAIN genetically modified foods (GMO)



Product approved in Argentina by the National Service of Agrifood Health and Quality



2300mm



1200 mm

1000 mm



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