

## **PORCINE PLASMA POWDER** (SPRAY DRY METHOD)

### ► **DESCRIPTION:**

**YERALBUM P UF 16<sup>®</sup>** is a plasma obtained from the centrifugation of porcine blood hygienically collected from Refrigerated (4-8°C) slaughterhouses, and subjected to a concentration process by membranes (Ultrafiltration and Nanofiltration) that eliminates 40% of the minerals (mainly Sodium) and increases the protein value without altering the quality of the protein, reaching 80% protein in dry base. Then it is subjected to a dehydration process by Spray Dryer, which guarantees the quality of the proteins in terms of its composition, functionality, solubility and digestibility.

**YERALBUM P UF16<sup>®</sup>** is characterized by being a highly digestible protein, which has a high level of immunoglobulins IgG which is the most active immunoglobulin fraction, this IgG together with albumin are responsible for its qualities.

### ► **TECH PROFILE:**

#### SENSORY ASPECTS

PHYSICAL APPEARANCE	FINE PARTICLE POWDER
COLOR	WHITE YELLOWISH
SMELL	CHARACTERISTIC
FLAVOR	CHARACTERISTIC

#### PHYSICO-CHEMICAL SPECIFICATION

MOISTURE	MÁX. 8 %
PROTEIN	MÍN. 80 %
TOTAL ASHES	MÁX. 12 %

#### 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
MOLD AND YEASTS	< 100 UFC/g

#### (A) TYPICAL ANALYSIS

CRUDE FAT	MIN. 0.5 %
DIGESTIBILITY	MÍN. 95 %

#### (B) MINERAL PROFILE

CALCIUM	0,15 mg
SODIUM	2,8 %
POTASSIUM	0,17 %
MAGNESIUM	0,02 %
TOTAL PHOSPHORUS	1,2 %

#### (C) AMINO ACID PROFILE

ALANINE	5 %	LEUCINE	8 %
ARGININE	5,85 %	LYSINE	7,15 %
ASPARTIC ACID	8,3 %	METHIONINE	0,65 %
GLUTAMIC ACID	12,2 %	PROLINE	4,3 %
CYSTINE	2,4 %	SERINE	4,25 %
PHENYLALANINE	4,65 %	TYROSINE	4,50 %
GLYCINE	3,75 %	THREONINE	5,10 %
HISTIDINE	3,25 %	TRYPTOPHAN	1,40 %
ISOLEUCINE	3 %	VALINE	5,15 %

(A) TYPICAL PARAMETERS

(B) AVERAGE VALUES

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

## BENEFITS:

- Improves the anti-inflammatory immune response at the intestinal level.
- Collaborates with general immunity, decreasing mortality.
- Improves the growth of intestinal villi.
- Activity against E. Coli enterotoxemia (Decreased diarrhea).
- Increase the consumption of Balanced Food and the daily weight gain and improve the conversion.
- Uniformity of litters and lots. Collaborate to better performance of animals.

## APPLICATIONS:



**Poultry:** incorporate (1% to 2%) balanced feed during the first 10 to 15 days of life. The inclusion significantly reduces the mortality in the lots, improves conversion rates and increases the slaughter weight.





**Pigs:** The use of plasma in the starting diets is undisputed. The inclusion from the first days of life on the foot of the sow, achieves a remarkable reduction of mortality in maternity, weight gain at weaning, uniformity and better weight of litters. Continue the inclusion until 25 days after weaning, will allow a good consumption of food, better health of the piglet with high performance at the exit of rearing. The levels of inclusion in the balanced feed are between 3 and 8%, according to the age and weight of the piglet. The inclusion of **YERALBUM P UF 16\*** in the feed of sows in lactation, greatly improves the production of the sow, increasing the consumption of food and milk production in the summer period.

**Fish:** **YERALBUM P UF 16\*** in combination with other blood products from Yeruva, is the best replacement alternative in fish diets that need high protein and very good digestibility, mainly in salmonids where the inclusion of vegetable protein is limited.

**Pets:** **YERALBUM P UF 16\*** is used in pet diets due to its high digestibility, adequate nutritional profile and improvements in the palatability of food. Improves the animal's fur. Since it does not have allergens, it is an ideal protein source in Premium foods. **YERALBUM P UF 16\*** is a binding and gelling agent to be used in cooked moist foods.

## PACKAGING:

25 kg. Bags / 500 Kg. or 800 Kg. Bigbags.  
**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



2300 mm



1000 mm

1200 mm



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