

## AP 820P™ Spray-Dried Porcine Plasma

**General Description:** **AP 820P** is a protein product composed of pure porcine albumin and globulin proteins. The biological characteristics of the proteins have been preserved. **AP 820P** is a high-quality protein source with numerous applications.

**Standard Packaging:** **AP 820P** is packaged in 25 kg. poly-lined, double-walled bags or big-bags.

**Storage:** Store in a cool, dry environment in a closed package up to 2 years.

**Guaranteed Analysis:** Crude Protein<sup>1</sup> ..... 73.0% min.                      Moisture ..... 9.0% max.  
Ash..... 16.0% max.

**Typical Analysis:** Protein ..... 76%    Immunoglobulins<sup>2</sup>..... 209 g/kg  
Ash..... 14.6%  
Crude Fat ..... 2.4%    Crude Fibre ..... <0.3%  
Solubility ..... 88%    Phosphorus..... 1.6%  
Iron ..... 90 ppm    Potassium ..... 0.4%  
Calcium ..... 0.15%    DE<sup>3</sup> ..... 3875 Kcal/kg  
Chloride ..... 3.0%    ME<sup>3</sup> ..... 3680 Kcal/kg  
Sodium..... 3.8%

	<u>Total</u>	<u>Il. Dig.</u>		<u>Total</u>	<u>Il. Dig.</u>
<b>Typical Amino Acid Profile (%):</b>					
(Total / Il. Digestible <sup>4</sup> )					
Alanine .....	4.1	3.2	Lysine.....	6.7	5.6
Arginine.....	4.4	3.6	Methionine .....	0.6	0.4
Aspartic Acid.....	7.4	5.9	Phenylalanine.....	4.4	3.5
Cystine.....	2.5	1.8	Proline .....	4.6	3.4
Glutamic Acid .....	11.2	9.6	Serine .....	4.5	3.4
Glycine .....	2.9	1.8	Threonine .....	4.6	3.5
Histidine .....	2.5	2.2	Tryptophan.....	1.3	0.9
Isoleucine.....	2.8	2.2	Tyrosine .....	4.3	3.3
Leucine .....	7.4	6.0	Valine.....	5.3	4.3

**Physical Properties:** Appearance: Uniform off-white to beige color.  
Solubility: 88% soluble in water.  
Odor: Neutral

<sup>1</sup>AOAC Official Method 990.03 / Combustion Method (LECO).

<sup>2</sup>Radial Immunodiffusion (RID).

<sup>3</sup>Based on equations of Ewan, R.C. 1989. Predicting the energy utilization of diets and feed ingredients by pigs. U. van de Honing and W.H. Close.(Ed.) energy Metabolism of Farm Animals. Pudoc Wageningen, Netherlands. EAAP Pub. 43:215.

<sup>4</sup>Ileal digestibility determined in swine.

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