

AP 820B™ Spray-Dried Bovine Plasma

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

Standard Packaging: **AP 820B** 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 Protein¹ 70.0% min. Moisture..... 9.0% max.
Ash 18.0% max.

Typical Analysis: Protein 74% Immunoglobulins² 209 g/kg
Ash 16%
Crude Fat..... 2.4% Crude Fibre..... <0.3%
Solubility 88% Phosphorus 1.6%
Iron 90 ppm Potassium..... 0.4%
Calcium 0.15% DE³ 3875 Kcal/kg
Chloride..... 3.0% ME³ 3680 Kcal/kg
Sodium 3.8%

	<u>Total</u>	<u>Il. Dig.</u>		<u>Total</u>	<u>Il. Dig.</u>
Typical Amino Acid Profile (%):					
(Total / Il. Digestible ⁴)					
Alanine	4.1	3.8	Lysine	6.7	6.4
Arginine	4.4	4.3	Methionine.....	0.6	0.6
Aspartic Acid	7.4	6.7	Phenylalanine	4.4	4.1
Cystine.....	2.5	2.3	Proline.....	4.6	4.6
Glutamic Acid.....	11.2	10.3	Serine	4.5	4.2
Glycine	2.9	2.6	Threonine.....	4.6	4.2
Histidine	2.5	2.4	Tryptophan	1.3	1.3
Isoleucine	2.8	2.6	Tyrosine	4.3	4.0
Leucine.....	7.4	7.0	Valine.....	5.3	5.0

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

¹AOAC Official Method 990.03 / Combustion Method (LECO).

²Radial Immunodiffusion (RID).

³Based 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.

⁴Standardized ileal digestibility determined in swine.

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