

AP301[®] Spray-Dried Porcine Animal Blood Cells

Ordering Information: Please contact your local sales representative to obtain SKU and pricing information for the package size that is right for you. If you do not know your local sales representative, please call 1-515-289-7600 for further assistance.

General Description: **AP301** is a top quality protein product that is composed of highly digestible and palatable proteins. AP301 can be used as a partial or complete replacement for high-quality protein ingredients.

Origin: Porcine

Guaranteed Analysis:

| | | | |
|-------------------------|------|-------------------------------|-----|
| Crude Protein, min..... | 92% | Moisture, max..... | 8% |
| Crude Fat, min..... | 0.3% | Solubility in water, min..... | 75% |
| Crude Fiber, max..... | 0.5% | | |

Typical Analysis:

| | | | |
|----------------|----------|-----------------|--------------|
| Iron..... | 2700 ppm | Ash..... | 4% |
| Sodium..... | 0.5% | DE*..... | 4401 Kcal/kg |
| Chloride..... | 0.8% | ME*..... | 4190 Kcal/kg |
| Potassium..... | 0.5% | Phosphorus..... | 0.2% |
| Calcium..... | 0.01% | | |

Typical Amino Acid Profile [SID^{2,3}] (as fed):

| | | | |
|-------------------------|-------|-------------------------|------|
| Alanine [100]..... | 7.6% | Lysine [98]..... | 9% |
| Arginine [99]..... | 4.0% | Methionine [96]..... | 0.8% |
| Aspartic Acid [98]..... | 11.4% | Phenylalanine [98]..... | 7.1% |
| Cystine [85]..... | 0.6% | Serine [97]..... | 4.4% |
| Glutamic Acid [94]..... | 8.7% | Threonine [96]..... | 3.6% |
| Glycine [101]..... | 4.7% | Tryptophan [95]..... | 1.2% |
| Histidine [98]..... | 7.5% | Tyrosine [88]..... | 2.2% |
| Isoleucine [58]..... | 0.6% | Valine [98]..... | 9.2% |
| Leucine [98]..... | 13.4% | Proline [97]..... | 3.3% |

Physical Properties: **Appearance:** Free flowing, dark reddish-brown colored powder
Odor: Neutral

Packaging: For available packaging options, contact your APC sales representative.

Storage: Store in a cool, dry environment in a closed package.

¹ 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.

² SID - Standardized ileal digestibility coefficient corrected for endogenous AA loss, as determined in swine (%);

³ Rojas, O.J. and H.H. Stein. 2012. Nutritional value of animal proteins fed to pigs. Midwest Swine Nutrition Conference, p 9-24.

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