

# Spray-Dried Porcine Blood Cells (Haemoglobin)

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

**Standard Packaging:** **Haemoglobin** is packaged in 25 kg poly-lined, double-walled bags and in big-bags of approx. 1.000 Kg. It is also available in bulk.

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

**Guaranteed Analysis:** Crude Protein<sup>1</sup> ..... 92.0% min.                      Moisture ..... 9.0% max.  
Ash..... 5.0% max.

**Typical Analysis:** Solubility ..... 80.0%                      Chloride..... 0.6%  
Sodium..... 0.4%                      Potassium ..... 1.1%  
Iron..... 2700 ppm                      DE<sup>2</sup> ..... 4483 Kcal/kg  
  
Calcium ..... 0.02%                      ME<sup>2</sup> ..... 4270 Kcal/kg  
Phosphorous.....0.35%                      Crude Fat..... <0.3%  
Crude Fiber..... <0.3%

	<u>Total</u>	<u>Il. Dig.</u>		<u>Total</u>	<u>Il. Dig.</u>
<b>Typical Amino</b>	Alanine ..... 7.6	7.4	Lysine..... 9.0	9.0	
<b>Acid Profile (%):</b>	Arginine..... 4.0	3.8	Methionine ..... 0.8	0.8	
<b>(Total / Il. Digestible<sup>3</sup>)</b>	Aspartic Acid..... 11.4	11.4	Phenylalanine..... 7.1	6.8	
	Cystine..... 0.6	0.6	Proline ..... 3.8	3.6	
	Glutamic Acid ..... 8.7	8.7	Serine ..... 4.4	4.1	
	Glycine ..... 4.7	4.0	Threonine ..... 3.6	3.3	
	Histidine ..... 7.5	7.5	Tryptophan..... 1.2	1.1	
	Isoleucine..... 0.6	0.5	Tyrosine ..... 2.2	1.9	
	Leucine ..... 13.4	13.0	Valine..... 9.2	8.9	

**Physical Properties:** Appearance: Fine dark reddish/brown colored powder.  
Solubility: 80% soluble in water.  
Odor: Meaty

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