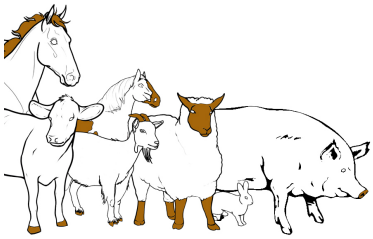


PRODUCT INFO
& DATASHEET

SICOPRO CB95

BOVINE HEMOGLOBIN SPRAYDRIED POWDER

updated 10/2026

1. DESCRIPTION

Bovine hemoglobin powder obtained by fractionation and spray drying of bovine blood from animals fit for slaughter for human consumption. Produced in accordance with Commission Regulation (EC) No 142/2011.
SICOPRO CB95 is a highly digestible animal protein source with low phosphorus and high organic iron content.

2. COMPOSITION

Indicative Nutritional Value

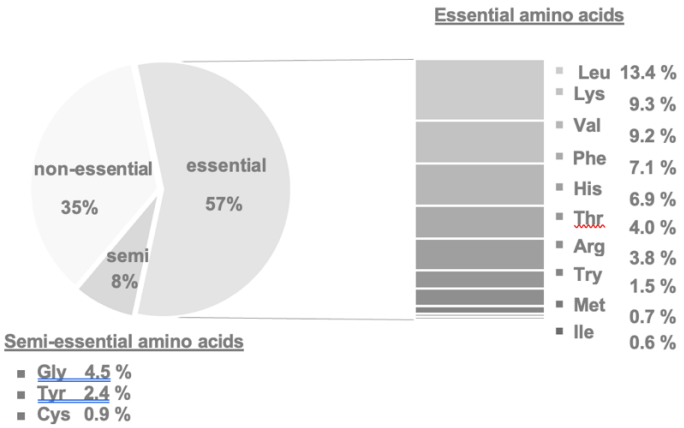
Proximate Composition	% as is			Method		
Moisture*	6	±	2	Sand-oven method	Halogen dryer	Thermobalance
Crude Protein*	92	±	2	Gerhardt - vapodest	Kjeldahl Method (NF V04-407)	
Crude Ash	4	±	1	ISO 5984:2002	Incineration at 600°C (NF V04-404)	
Crude Fat (Acid Ether Extract)	0.4	±	0.2	ISO 6492:1999 (B)		
Crude Fiber	0.5	±	0.4	92/89/EEC		

* for most accurate values see COA

Energy Density	MJ/kg as is			Method
Gross Energy	22.1	±	0.2	ISO 9831:2003
Metabolizable Energy Dog/Cat	13.2	±	0.2	SI No 59/1996
Metabolizable Energy Poultry	14.4	±	0.2	152/2009/EEC
Metabolizable Energy Pig	19.1	±	0.2	Noblet & Perez (1993), eq 39
Net Energy Pig	11.4	±	0.2	Noblet et al. (1994), eq 7

Typical Mineral Content (Method: ICP-OES, *potentiometry)							
Macro-minerals	Ca	P	Na	Cl*	K	S	Mg
(% as is)	0.02	0.30	0.70	0.75	1.00	0.05	0.02
Trace-elements	Fe	Zn	Mn	Cu			
(ppm)	2850	15-25	1-3	2-8			

Amino Acid Profile (g per 100 g protein, %)



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No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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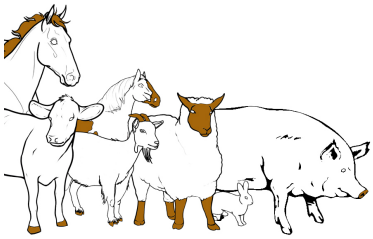

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Microbiological Standards

Salmone	absent in 25 g	AFNOR UNI-03/06-12/07 NF EN ISO 6579-1 validated Salma One Day (BIO 12/41-03/17)
Total aerobic plate count	< 500.000 cfu per g	Petrifilm 3M PCA -37°C (ISO 4833)
Enterobacteriaceae	< 10 cfu per g	Based on ISO 21528-1:2004 NF V08-054 -30°C EN ISO 6579-1 validated Rapid Enterobacteriaceae

Physical Properties

Form	powder
Colour	red-brown
pH	8 - 10
Protein solubility in pepsin-HCl*	> 98%
Density	0.55 g/cm³

*Method: 72/199/EEC

8. PACKAGING

- in 25 kg food-processing kraft bags with polyethylene liner inside on non-returnable plastic-covered pallet (100x120 cm)
- in ± 1250 kg Big Bags on non-returnable pallet (100 cm x 120 cm). May be covered or not.

9. STORAGE & SHELF LIFE

Transport and storage conditions: cool and dry (max. 35°C and max. 70% humidity)
Best before: 24 months in closedpackaging, see label

10. LEGISLATION

Labeling and Usage according to local legislation

Can be labeled as spray dried bovine hemoglobin or bovine blood product, No 9.8.1 in the Catalogue of Feed materials (68/2013/EEC). National legislation with regard to labeling and usage should always be verified.
Under EU legislation, SICOPRO CB95 is approved as a feed ingredient for which the TSE-rules are applicable (999/2001/EEC).

11. USE

Applications in feed for:

Dogs, cats, pet birds, ferrets, mink, pigs (*), calves (*), poultry (*), fish (*), crustaceans (*).

(*) can't be used in European Union according to Regulation (EC) n° 999/2001

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