

Description

Origin : Peptic Digest of Meat is obtained by enzymatic digestion of animal tissues of Brazilian origin.

Regulatory : This reference holds a Certificate of Suitability certificate from the EDQM (European Directorate for the Quality of Medicines), n° R1-CEP 2000-253-Rev 01, relative to BSE risk in human and animal pharmaceutical products. Brazil is a BSE **Category A** country as defined by the OIE.



Application : Peptic Digest of Meat is used for growth of a broad range of microorganisms including fungi, *Enterobacteria* and *Staphylococci*. Its use in blood agars favors the growth of *Streptococci* and the production of characteristic hemolysis.

Physical properties

Appearance : off white powder
Stability (2% in solution) : stable
Solubility in water at 2% : total

Microbiological controls

Total aerobic mesophilic flora ≤ 5000 cfu/g

Chemical analysis

Total nitrogen (N_T) : 12.3%
α-amino nitrogen (N_α) : 5.0%
N_α / N_T : 0.40
Sulfuric ash : 12.3%
pH (2% in solution) : 7.0
Total carbohydrates : 3.6%
Chlorides (as NaCl) : 1.4%
Loss on drying ≤ 6.0%

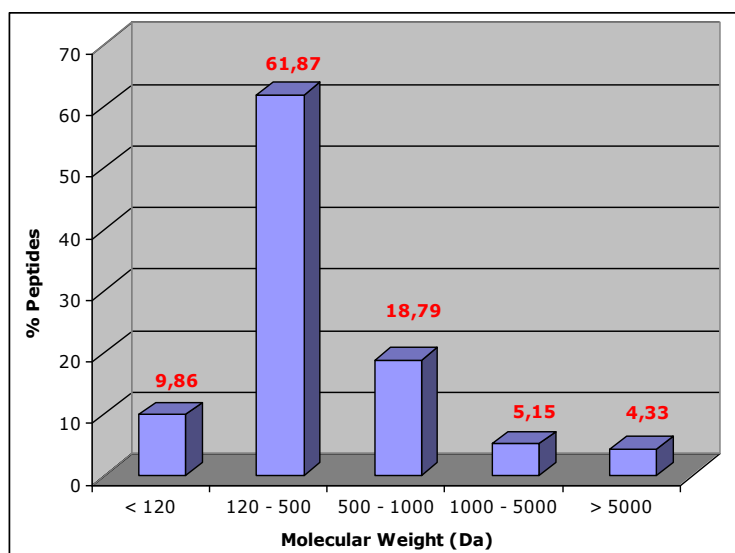
Chemical characteristics

Nitrites : absent
Tryptophan : presence
Undigested proteins : presence
Proteoses : presence

Amino acid distribution (mg/g)

	Total amino acids (T)		Total amino acids (T)
Aspartic acid	69.0	Methionine	15.0
Threonine	30.0	Isoleucine	33.0
Serine	29.0	Leucine	65.0
Glutamic acid	123.0	Tyrosine	11.0
Proline	59.0	Phenylalanine	39.0
Glycine	73.0	Histidine	25.0
Alanine	57.0	Lysine	76.0
Cysteine	/	Arginine	40.0
Valine	56.0	Tryptophan	/

Molecular weight distribution (Daltons)



Storage

Keep in original packaging when not in use, tightly sealed in a dry area ideally between 10 and 35°C. Avoid direct sunlight. Hygroscopic product. Expiry date : 5 years from date of manufacture

Sanitary Attestation

In accordance with European Directives 1999/82/EC (human health) and 1999/104/EC (veterinary products), as well as the Note for Guidance EMEA/410/01 Rev. 3 on the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products, the production of this product has been evaluated by the European Directorate for the Quality of Medicines and issued a Certificate of Suitability bearing the number :

R1-CEP 2000-253-Rev 01

Copies of this certificate for regulatory compliance can be made available to users of this product upon request.

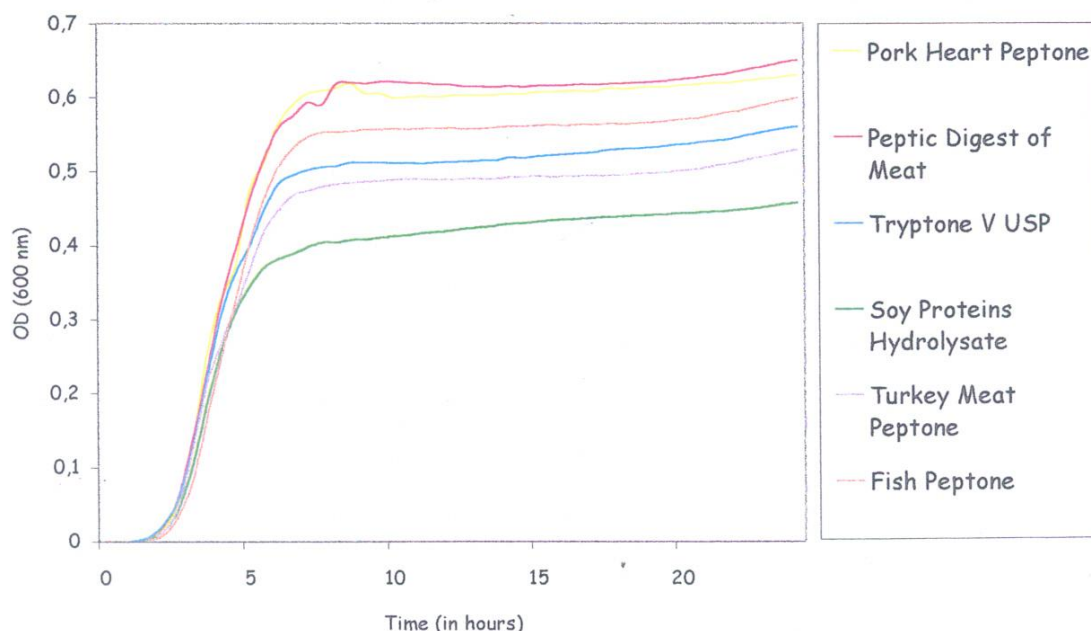
The enzymes used for digestion of the bovine materials are not of ruminant origin.

Standard packaging

25 kg carton ; other formats inquire.
Delivered with Certificate of Analysis, Certificate of Origin and EDQM certificate upon purchase.

OBSERVED MICROBIAL GROWTH POTENTIAL :

Escherichia coli ATCC® 23716 – K12



Comparison of peptone growth in modified Luria broth

Culture conditions : 37°C, aerobic incubation.

Inoculum : 10^6 / cfu / mL

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End-users are directed to perform proprietary tests to determine suitability and performance for specific applications. The information and results contained in this technical data sheet are susceptible to modification at any time, without warning.

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