

Description

Origin : Pancreatic Digest of Meat Type II 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 2000-238-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 : Dominated by low molecular weight peptides, Pancreatic digest of Meat Type II is a classic animal tissue peptone used for a wide spectrum of microorganisms, including *Enterobacteria*, lactic acid bacteria (LAB) and yeasts. It also can be used for spore production in anaerobic strains such as *Clostridium perfringens*.



Physical properties

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

Chemical analysis

Total nitrogen (N_T) : 12.3%
α-amino nitrogen (N_α) : 5.0%
N_α / N_T : 0.40
Sulphuric 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
Indole : absent

Microbiological controls

Total aerobic mesophilic flora ≤ 5000 cfu/g

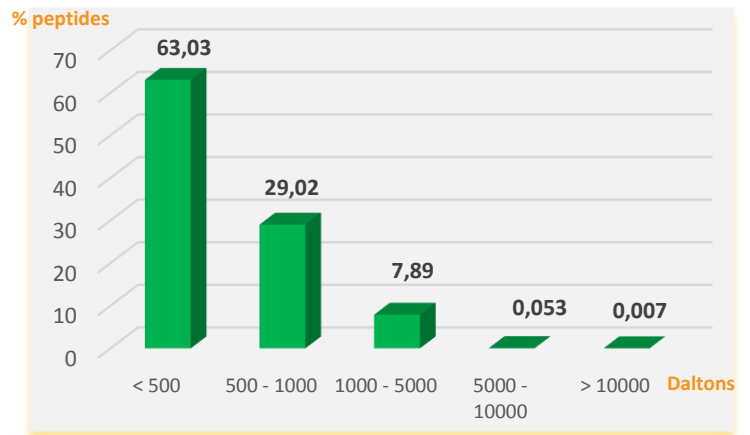
Amino acid distribution (mg/g)

	Total amino acids (T)		Total amino acids (T)
Aspartic acid	5.86	Methionine	1.15
Threonine	2.68	Isoleucine	2.47
Serine	2.69	Leucine	4.77
Glutamic acid	10.19	Tyrosine	1.85
Proline	4.87	Phenylalanine	2.47
Glycine	13.45	Histidine	1.45
Alanine	5.12	Lysine	4.93
Cysteine	0.72	Arginine	4.38
Valine	3.19	Tryptophan	0.65

Standard packaging

25 kg carton ; other formats inquire.

Molecular weight distribution



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 2000-238-Rev 01

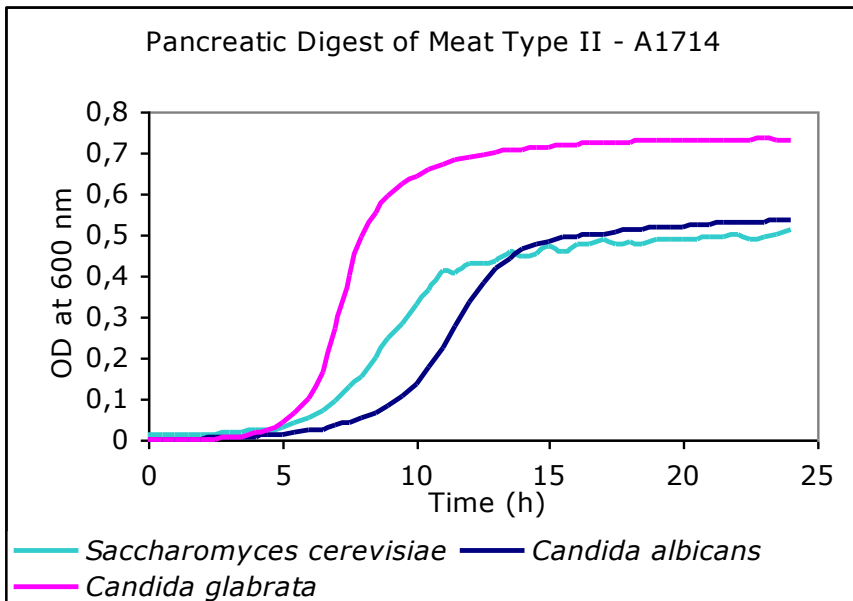
Copies of this certificate for regulatory compliance can be made available to users of this product upon request.

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

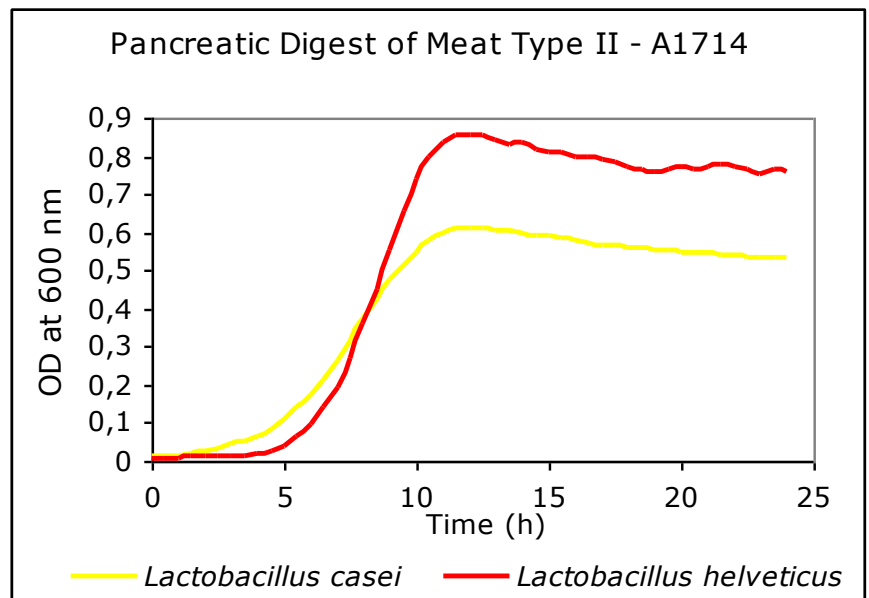
Storage

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.

OBSERVED MICROBIAL GROWTH POTENTIAL :



↑ **Yeasts & Moulds** : Inoculum 10^6 cfu / mL
 Growth medium : 3% peptone + 0.25 % glucose



Lactobacillus : Inoculum 10^6 cfu / mL
 Growth medium : 3% peptone + 0.25 % glucose ↑

Produced under **ISO 9001 v 2015** certification



Manufacturing site and quality system open to audits by qualified customers. Inquire with Solabia.

CoA available online : use product code **A171400** + lot number.

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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.

V. 09/2019