

## Description

- Origin :** Papaic Digest of Liver is prepared from bovine liver of Brazilian origin by controlled enzymatic hydrolysis.
- Regulatory :** This reference holds a Certificate of Suitability certificate from the EDQM (European Directorate for the Quality of Medicines), n° R1-CEP 2000-254-Rev 01, relative to BSE risk in human and animal pharmaceutical products. Brazil is a **Category A** country as defined by the OIE.
- Application :** Papaic Digest of Liver is rich, highly nutritive peptone that favors growth of a wide range of microorganisms, in particular strict anaerobic bacteria, homo and heterofermentative lactic acid bacteria, as well as yeasts and filamentous molds such as *Aspergillus oryzae*.



## Physical properties

Appearance : light brown 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<sub>T</sub>) : 10.5%  
 α-amino nitrogen (N<sub>α</sub>) : 5.5%  
 N<sub>α</sub> / N<sub>T</sub> : 0.32  
 Sulfuric ash : 11.8%  
 pH (2% in solution ) : 6.0  
 Total carbohydrates : 2.1%  
 Chlorides (as NaCl) : 0.7%  
 Loss on drying ≤ 6.0%

## Chemical characteristics

Nitrites : absent  
 Indole : absent

## Amino Acid (AA) distribution

	Total AA		Total AA
Aspartic acid	66.0	Methionine	17.0
Threonine	33.0	Isoleucine	35.0
Serine	30.0	Leucine	57.0
Glutamic acid	90.0	Tyrosine	11.0
Proline	34.0	Phenylalanine	38.0
Glycine	53.0	Histidine	57.0
Alanine	46.0	Lysine	48.0
Cysteine	/	Arginine	13.0
Valine	56.0	Tryptophan	/

Produced under **ISO 9001 v 2015** certification

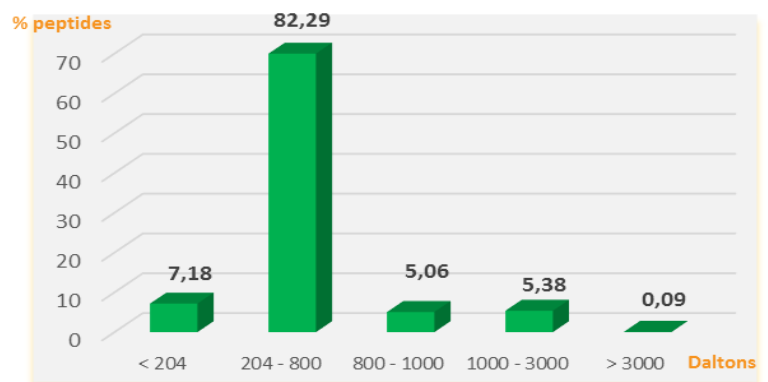


Manufacturing site and quality system open to audits by qualified customers. Inquire with Solabia.

CoA available online : use product code **A1911000** + lot number.

v. 10/2019

## 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. Hvaroscopic product.

## Standard packaging

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

## 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 – FINAL 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 2000-254 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.

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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.