

## Description

- Origin :** Pork Liver Peptone is prepared from porcine liver by controlled enzymatic hydrolysis.
- Regulatory :** animal raw material is strictly of porcine origin, sourced from Brazil, and complete traceability can be demonstrated.
- Application :** Pork Liver Peptone is a nutritionally rich peptone often used for the growth of anaerobic bacteria and well adapted to use in fermentation. Due to its similar characteristics, Pork Liver Peptone may be used as a substitution for Papaic Liver Digest (A1911) of bovine origin in order to eliminate regulatory concerns associated with bovine products.



## Physical properties

- Appearance :** brown powder  
**Odor :** characteristic  
**Stability (2% in solution) :** stable  
**Solubility in water at 2% :** total

## Microbiological controls

Total aerobic mesophilic flora ≤ 5000 cfu/g

## Chemical analysis

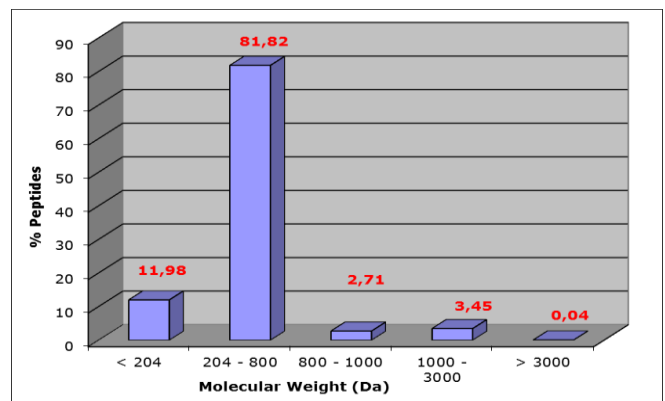
- Total nitrogen (N<sub>T</sub>) :** 11.0%  
**α-amino nitrogen (N<sub>α</sub>) :** 5.7%  
**N<sub>α</sub> / N<sub>T</sub> :** 0.52  
**Sulfuric ash :** 14.9%  
**pH (2% in solution) :** 6.0  
**Chlorides (as NaCl) :** 1.2%  
**Loss on drying ≤** 6.0%

## Amino acid distribution (mg/g)\*

|               | Total amino acids (T) |               | Total amino acids (T) |
|---------------|-----------------------|---------------|-----------------------|
| 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    | /                     |

\*Aminogram results subject to updating. Results shown here are typical of A1911, Papaic Digest of Liver (bovine).

## Molecular weight distribution (Daltons)



## Standard packaging

25 kg carton ; other formats inquire.  
 Delivered with Certificate of Analysis, Certificate of 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.

## Sanitary Attestation

The raw materials used in this product are sourced from Brazilian abattoirs providing complete traceability. Official veterinary certificates and manufacturer's declarations are available for this product upon request. No bovine materials are used in the manufacturing of this product. To the best of our knowledge, this product does not have any compliance issues concerning Genetically-Modified Organisms (GMO).

The information presented in this document is submitted in good faith based on internal testing performed at Solabia S.A.S. and represents the best of our knowledge at the present time. It is provided as a guide and no warranty, implied or otherwise is associated with this data, nor is any liability assumed for patent infringement. All data represents typical analyses not to be taken for exact specifications.

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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