

Description

Origin : Pork Brain Heart Infusion is obtained by a special enzymatic digestion and blending process of pork hearts and brains.

Regulatory : animal raw material is strictly porcine origin, sourced from Brazil, and complete traceability can be demonstrated.

Application : in diagnostic media, this peptone is used in Brain-heart broth and Brain-heart agar. Alone or combined with other peptones (gelatin, meat or soy), it favors the growth of fastidious microorganisms, such as group A *Streptococci*, as well as *Pneumonococci*, *Meningococci* and *Staphylococci*.



Physical properties

Appearance : beige powder

Odor : characteristic

Stability (2% in solution) : stable

Solubility in water at 2% : total

Stability with phosphates (0.25%) : stable, clear solution

Microbiological controls

Total aerobic mesophilic flora ≤ 5000 cfu/g

Chemical analysis

Total Nitrogen (NT) : 12.2%

pH (5% solution) : 7.0

α-amino nitrogen (N_α) : 5.7%

Sulfuric ash : 14.9%

N_α / NT : 0.47

Chlorides (as NaCl) : 1.2%

Calcium : 0.1%

Loss on drying ≤ 6.0%

Chemical characteristics

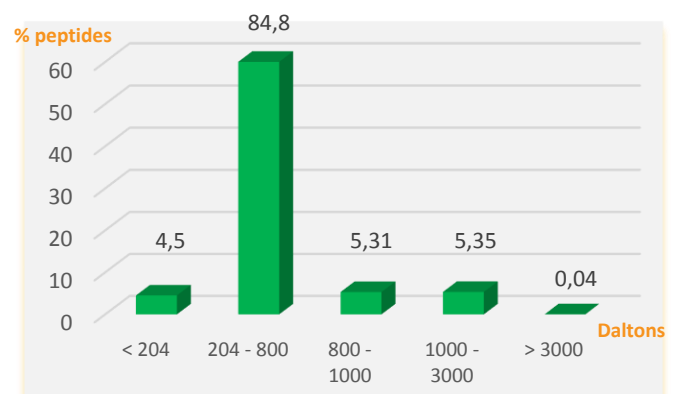
Nitrites (UPS) : absent

Indole : absent

Amino acid distribution (mg/g)

| | Total amino acids (T) | | Total amino acids (T) |
|---------------|-----------------------|---------------|-----------------------|
| Aspartic acid | 68.0 | Methionine | 14.0 |
| Threonine | 36.0 | Isoleucine | 25.0 |
| Serine | 33.0 | Leucine | 47.0 |
| Glutamic acid | 103.0 | Tyrosine | 10.0 |
| Proline | 27.0 | Phenylalanine | 10.0 |
| Glycine | 43.0 | Histidine | 23.0 |
| Alanine | 48.0 | Lysine | 53.0 |
| Cysteine | / | Arginine | 48.0 |
| Valine | 37.0 | Tryptophan | / |

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).

V. 05/2019

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