

## TECHNICAL DATA SHEET

# PANCREATIC DIGEST OF MEAT TYPE 2

## PEPTONE – CULTURE OR AEROBIC AND ANAEROBIC MICROORGANISMS

### 1 INTENDED USE

Pancreatic Digest of Meat Type 2 is suitable for the culture of a large number of aerobic and anaerobic bacteria. It is recommended for spore production in anaerobic bacteria such as *Clostridium perfringens*.

### 2 DESCRIPTION

Pancreatic Digest of Meat Type 2 is obtained by the pancreatic digestion of certain highly selected animal tissues.

### 3 TYPICAL ANALYSIS

#### Physical characteristics :

- Appearance, color ..... beige powder
- Solubility in water at 5% ..... stable

#### Chemical characteristics :

- Biuret reaction ..... positive
- Total Nitrogenl .....  $12,5 \pm 1,5$  %
- $\alpha$  amino Nitrogen .....  $4,0 \pm 1,0$  %
- Indole ..... absent
- Nitrites ..... absent
- Chlorides (expressed as NaCl) ..... less than 5,0 %
- Calcium ..... 0,3 %
- Sulfuric ash ..... less than or equal to 19,0 %
- Loss on Drying ..... less than 6,0 %

#### Total Amino Acids (expressed as g for 100 g of product) :

- Aspartic acid ..... 6,8
- Threonine ..... 2,8
- Serine ..... 3,1
- Glutamic acid ..... 10,2
- Proline ..... 4,7
- Glycine ..... 8,9
- Alanine ..... 6,0
- Valine ..... 4,6
- Cystine ..... not dosed
- Methionine ..... 1,2
- Isoleucine ..... 2,8
- Leucine ..... 5,4
- Tyrosine ..... 1,0
- Phenylalanine ..... 3,2
- Lysine ..... 5,4
- Histidine ..... 1,8
- Arginine ..... 4,1
- Tryptophan ..... 0,7

#### 4 BACTERIOLOGICAL CONTROL

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- Total aerobic mesophilic count.....less than 5000 cfu/g
- Heat resistant spores in 1 gram.....absent

#### 5 PACKAGING / STORAGE / SHELF LIFE

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500 g bottle ..... A1702HA

Store between 2 - 30 °C, until the expiration date indicated on the label.

#### 6 ADDITIONAL INFORMATION

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The information provided on the labels take precedence over the formulations or instructions described in this document and are susceptible to modification at any time, without warning.

Document code : PEPTONE PANCREATIC DIGEST OF MEAT TYPE 2\_ENv8.  
Creation date : 01-2003  
Updated : 05-2016  
Origin of revision : General update.