

## Pork Brain Heart Infusion

Cat. 1712

Extract of porcine origin, source of nutrients for the elaboration of culture media.

### Practical information

Applications	Categories
Nitrogen source	General use

Industry: Fermentation / Ingredients for culture media / Manufacturing process

### Principles and uses

Pork Brain Heart Infusion is a specially formulated preparation of dried extract of pork hearts and pork brains supplied as a light, yellow-brown fine powder. It is a suitable substitute for Bovine Brain Heart Infusion in selected microbiological culture media.

### Physical-chemical characteristics

Description	Specification	Typical Analysis
Total nitrogen (TN)	>10,0%	11,81%
Loss on drying	<6%	3,5%
Ash	<15%	9,2%
pH (2% solution)	6,5-7,5	7,25

### Elemental profile

Descripción	Value
Potassium	2,11%
Calcium	0,020%
Magnesium	0,012%
Sodium	4,09%

### Amino acids

Total (g/100g)		Total (g/100g)		Total (g/100g)	
Alanine	3,47	Leucina	5,80	Glutamic acid	15,04
Arginine	3,31	Lysine	5,40	Isoleucine	3,35
Aspartic acid	8,78	Methionine	1,65	Phenylalanine	3,15
Cystine	0,50	Tryptophan	0,87	Prolina	6,25
Glycine	3,45	Tyrosine	1,49	Serine	3,80
Histidine	1,72	Valine	4,21	Threonine	6,27

### Growth supporting properties

Descripción	Value
Peptone agar	Good/Bueno

### Microbiological test

Description	Specification
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Salmonella	Negative
Coliforms	Negative
Standard plate count	<5.000 CFU/g
Yeast and molds	<100 CFU/g

## Storage

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Temp. Min.:2 °C  
Temp. Max.:25 °C