

Pork Heart Infusion

Cat. 1716

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 Heart Infusion is a specially formulated preparation of dried infusion from pork hearts supplied as a light fine powder. It is a substitute for Bovine Heart Infusion in selected microbiological culture media.

Physical-chemical characteristics

Description	Specification	Typical Analysis
Ash	<15%	10,50%
Total Nitrogen (TN)	>10%	11,7%
Loss on drying	<6%	4%
pH (2% solution)	6,5-7,5	7,1

Elemental profile

Descripción	Value
Calcium	0,018%
Magnesium	0,012%
Potassium	2,36%
Sodium	3,96%

Amino acids

Total (g/100g)		Total (g/100g)		Total (g/100g)	
Alanine	3,32	Leucine	5,83	Valine	4,24
Arginine	3,08	Lysine	5,43	Fenilalanina	3,15
Aspartic acid	8,77	Methionine	1,65	Proline	5,84
Glycine	2,55	Serine	3,81	Cystine	0,54
Histidine	0,05	Threonine	3,33	Glutamic acid	14,77
Isoleucine	3,39	Tryptophan	0,91		

Growth supporting properties

Descripción	Value
Peptone agar	Good/Bueno

Microbiological test

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

Storage

Temp. Min.:2 °C
Temp. Max.:25 °C