

BRAIN HEART INFUSION (PORCINE)

CAT. N°: 300

DESCRIPTION:

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

CHEMICAL CHARACTERISTICS	SPECIFICATIONS	TYPICAL ANALYSIS
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Amino Nitrogen (AN)	Minimum 3.0%	3.3%
Total Nitrogen (TN)	Minimum 10.0%	11.81%
AN/TN Ratio	N/A	27.9%
Loss on drying	Maximum 6.0%	3.5%
Ash	Maximum 15.0%	9.2%
pH (2% solution)	6.5 - 7.5	7.25

ELEMENTAL PROFILE

Calcium	0.020%
Magnesium	0.012%
Potassium	2.11%
Sodium	4.09%

GROWTH SUPPORTING PROPERTIES

Peptone agar	Satisfactory
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MICROBIOLOGICAL ANALYSIS

Standard plate count	Less than 5000 CFU/g
Yeasts and molds	Less than 100 CFU/g
Coliforms	Negative
Salmonella	Negative

AMINO ACIDS

	TOTAL g/100 g
Alanine	3.47
Arginine	3.31
Aspartic acid	8.78
Cystine	0.50
Glutamic acid	15.04
Glycine	3.45
Histidine	1.72
Isoleucine	3.35
Leucine	5.80
Lysine	5.40
Methionine	1.65
Phenylalanine	3.15
Proline	6.25
Serine	3.80
Threonine	6.27
Tryptophan	0.87
Tyrosine	1.49
Valine	4.21