

BRAIN HEART INFUSION (BOVINE)

CAT. N°: 105

DESCRIPTION:

Brain Heart Infusion (Bovine) is a specially formulated preparation of dried extract of beef hearts and brains, supplied as a light, fine powder. For use in microbiological culture media.

CHEMICAL CHARACTERISTICS	SPECIFICATIONS	TYPICAL ANALYSIS
Amino Nitrogen (AN)	Minimum 3.0%	3.7%
Total Nitrogen (TN)	Minimum 10.0%	11.5%
AN/TN Ratio	N/A	32.2%
Loss on drying	Maximum 6.0%	2.5%
Ash	Maximum 15.0%	9.8%
pH (2% solution)	6.5 - 7.5	6.8

ELEMENTAL PROFILE

Calcium	0.0088%
Magnesium	0.02%
Potassium	1.5%
Sodium	3.5%

GROWTH SUPPORTING PROPERTIES

Peptone agar	Satisfactory
--------------	--------------

MICROBIOLOGICAL ANALYSIS

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

AMINO ACIDS

AMINO ACIDS	TOTAL g/100 g
Alanine	3.27
Arginine	3.48
Aspartic acid	6.62
Cystine	0.35
Glutamic acid	16.18
Glycine	2.60
Histidine	2.03
Isoleucine	3.82
Leucine	6.76
Lysine	6.10
Methionine	1.69
Phenylalanine	3.58
Proline	7.28
Serine	4.32
Threonine	3.57
Tryptophan	0.92
Tyrosine	1.69
Valine	4.84