

BRAIN HEART INFUSION (BOVINE)

Cat# 6003



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

Chemical characteristics	Specifications	Typical analysis
Amino Nitrogen (AN)	Minimum 3%	3.7 %
Total Nitrogen (TN)	Minimum 10 %	11.5 %
AN/TN Ratio	N/A	32.2 %
Loss on drying	Maximum 6 %	2.5 %
Ash	Maximum 15 %	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 %
Amino acids		Total (g/100g)
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
Growth supporting properties		
Peptone agar		Satisfactory
Microbiological analysis		
Standard plate count	Less than 5000 col/g	
Yeasts and molds	Less than 100 col/g	
Coliforms	Negative	
Salmonella	Negative	