

## HEART INFUSION (BOVINE)

CAT. N°: 138

### DESCRIPTION:

Heart Infusion (Bovine) is a specially formulated preparation of dried infusion from bovine hearts, supplied as a light, fine powder for use in microbiological culture media.

### CHEMICAL CHARACTERISTICS

### SPECIFICATIONS

### TYPICAL ANALYSIS

CHEMICAL CHARACTERISTICS	SPECIFICATIONS	TYPICAL ANALYSIS
Amino Nitrogen (AN)	Minimum 3.0%	3.5%
Total Nitrogen (TN)	Minimum 10.0%	11.0%
AN/TN Ratio	-	31.8%
Loss on drying	Maximum 6.0%	3.5%
Ash	Maximum 15.0%	10.1%
pH (2% solution)	6.5 - 7.5	7.0

### ELEMENTAL PROFILE

Calcium	0.009%
Magnesium	0.02%
Potassium	1.40%
Sodium	3.60%

### AMINO ACIDS

### TOTAL g/100 g

Alanine	3.20
Arginine	3.55
Aspartic acid	6.05
Cystine	0.31
Glutamic acid	15.97
Glycine	2.50
Histidine	2.13
Isoleucine	3.91
Leucine	6.68
Lysine	6.01
Methionine	1.75
Phenylalanine	3.66
Proline	7.04
Serine	4.54
Threonine	3.12
Tryptophan	0.87
Tyrosine	1.61
Valine	4.73

### 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