

MEAT PEPTONE (PORCINE)

CAT. N°: 307

DESCRIPTION:

Meat Peptone (Porcine) is an enzymatic digest of porcine animal tissue. It can be substituted for Meat Peptone (Bovine) in culture media formulations.

CHEMICAL CHARACTERISTICS

SPECIFICATIONS

TYPICAL ANALYSIS

CHEMICAL CHARACTERISTICS	SPECIFICATIONS	TYPICAL ANALYSIS
Amino Nitrogen (AN)	Minimum 3.4%	3.7%
Total Nitrogen (TN)	Minimum 10.0%	13.08%
AN/TN Ratio	N/A	28.3%
Loss on drying	Maximum 6.0%	2.7%
Ash	Maximum 15.0%	9.5%
pH (2% solution)	6.5 - 7.5	6.9

ELEMENTAL PROFILE

Calcium	0.023%
Magnesium	0.020%
Potassium	1.66%
Sodium	2.65%

AMINO ACIDS

TOTAL g/100 g

Alanine	5.38
Arginine	4.55
Aspartic acid	8.56
Cystine	0.29
Glutamic acid	12.38
Glycine	9.85
Histidine	1.24
Isoleucine	2.45
Leucine	4.32
Lysine	4.37
Methionine	1.19
Phenylalanine	2.48
Proline	7.37
Serine	3.26
Threonine	2.58
Tryptophan	0.52
Tyrosine	1.22
Valine	3.30

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