

# MEAT PEPTONE (BOVINE)

Cat# 6012



Meat Peptone (Bovine) is an enzymatic digest of animal tissue. It can be incorporated into a variety of liquid and solid culture media formulations for the cultivation of fastidious and non-fastidious microorganisms.

<b>Chemical characteristics</b>	<b>Specifications</b>	<b>Typical analysis</b>
Amino Nitrogen (AN)	Minimum 3.4 %	3.7 %
Total Nitrogen (TN)	Minimum 10 %	12.33 %
AN/TN Ratio	N/A	30.0 %
Loss on drying	Maximum 6 %	2.7 %
Ash	Maximum 15 %	9.2 %
pH (2% solution)	6.5 – 7.5	6.9
<b>Elemental profile</b>		
Calcium		0.072 %
Magnesium		0.029 %
Potassium		2.7 %
Sodium		2.5 %
<b>Amino acids</b>		<b>Total (g/100g)</b>
Alanine		5.62
Arginine		4.08
Aspartic acid		5.61
Cystine		0.37
Glutamic acid		11.62
Glycine		8.37
Histidine		1.31
Isoleucine		2.63
Leucine		4.50
Lysine		4.30
Methionine		0.85
Phenylalanine		2.61
Proline		6.29
Serine		2.95
Threonine		2.46
Tryptophan		0.59
Tyrosine		1.11
Valine		3.50
<b>Growth supporting properties</b>		
Peptone agar		Satisfactory
<b>Microbiological analysis</b>		
Standard plate count	Less than 5000 col/g	
Yeasts and molds	Less than 100 col/g	
Coliforms	Negative	
Salmonella	Negative	