

## CASEIN PEPTONE TYPE V

CAT. N° 376

### Description

Casein peptone type V is a pancreatic digest of casein in the form of white powder. This peptone is widely used for general application as a bacteriological nutrient with excellent solubility and clarity in solution.

Chemical characteristics	Specifications	Typical analysis
Amino Nitrogen (AN)	Minimum 3.9 %	4.1 %
Total Nitrogen (TN)	Minimum 10.0 %	12.8 %
AN/TN Ratio	N/A	32.0 %
Loss on drying	Maximum 6	3.6 %
Ash	Maximum 15 %	5.9 %
pH (2% solution)	6.5 – 7.5	7.0

Elemental profile		
Calcium		0.0193 %
Magnesium		0.0053 %
Potassium		0.92 %
Sodium		2.67 %

Growth supporting properties		
Peptone agar		Satisfactory
Peptone broth		Satisfactory

Microbiological analysis		
Standard plate count	Less than 5000 col/g	
Yeasts and molds	Less than 100 col/g	
Coliforms	Negative	
Salmonella	Negative	

