

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	SPECIFICATIONS	TYPICAL ANALYSIS
Amino Nitrogen (AN)	Minimum 3.7%	4.1%
Total Nitrogen (TN)	Minimum 10%	12.8%
AN/TN Ratio	39.0%	32.0%
Loss on drying	Maximum 6.0%	3.6%
Ash	Maximum 15.0%	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 CFU/g
Yeasts and molds	Less than 100 CFU/g
Coliforms	Negative
Salmonella	Negative