

CASEIN PEPTONE TYPE VI

CAT. N°: 381

DESCRIPTION:

Casein Peptone Type VI is a pancreatic digest of casein. Is a highly soluble source of peptides and aminoacids. This product is widely used like casein for fermentation, in manufacture of toxins, vaccines, enzymes and other biological products. Also recommended for use as a microbial nutrient in laboratory media. The solution at 2% gives a clear solution without precipitation.

CHEMICAL	CHARACTERISTICS SPECIFICATIONS	TYPICAL ANALYSIS
Amino Nitrogen (AN)	Minimum 5.3%	5.5%
Total Nitrogen (TN)	Minimum 11.9%	12.10%
AN/TN Ratio	N/A	45.4%
Loss on drying	Maximum 6.0%	3.7%
Ash	Maximum 15.0%	7.0%
pH (2% solution)	7.0- 7.2	7.1

ELEMENTAL PROFILE

Calcium	0.027%
Magnesium	0.0019%
Potassium	2.1%
Sodium	3.9%

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