

## TECHNICAL DATA

### Tryptone T60060

**Product Description:** Bacteriological Peptone is a high quality hydrolysate produced by enzymatic digestion of animal tissues.

**Applications:** Widely used in culture media and has been used extensively in the manufacture of toxins, vaccines and other biological products.

**Physical Characteristics:** Fine powder, cream to yellow colored and no foreign particles.

#### Microbial Characteristics

Microbial Characteristics	Specifications
Standard Plate Count	<5000 CFU/g
Yeasts and Molds	<100 CFU/g
Coliforms	Negative
Salmonella	Negative

#### Growth Supporting Properties : Satisfactory

Bacterial	ATCC
<i>Escherichia coli</i>	25922
<i>Staphylococcus aureus</i>	25923
<i>Shigella flexner</i>	12022
<i>Pseudomonas aeruginosa</i>	27853
<i>Streptococcus faecalis</i>	29212
<i>Streptococcus pyogenes</i>	19615
<i>Streptococcus pyogenes</i>	49117
<i>Streptococcus pneumoniae</i>	6305

#### Minerals

Minerals	Typical Value
Calcium	0.023%
Magnesium	0.013%
Potassium	0.25%
Sodium	1.40%

Molecular weight distribution %	
<500 Da	44,50
500 – 750 Da	17,30
750 Da - 3 kDa	38,20
3 - 5 kDa	0,00
5 – 20 kDa	0,00
>20 kDa	0,00
Average Molecular Weight Da	454,00

#### MOLECULAR WEIGHT DISTRIBUTION

