



## PRODUCT INFORMATION

# Tryptose

**Bacteriological grade**

**Cat# TT1PD-500**

**Cat# TT1PD-10K**

**Cat# TT1PD-25K**

### 1) General description

Tryptose is a mixed enzymatically digested protein for use in preparing microbiological culture media. It is rich in nutrients and contains many unique nutrients especially different peptides including those of higher molecular weight (proteases). Tryptose is often used to grow the most fastidious of organisms especially when a rapid growth is required. Tryptose is also recommended to demonstrate hemolytic reactions on a blood agar base.

### 2) Physical and Chemical Tests

Appearance:	Homogeneous, Free Flowing Powder
Color:	Beige
Clarity (2% solution)	Brilliant
pH (2% solution)	7.07
Total Nitrogen:	12.12%
Ash:	7.93%
Amino Nitrogen	4.19%
Loss on drying:	3.14%
Standard Plate Count:	220 cfu/g
Molds:	< 100 cfu/g
Coliforms:	Negative
E. coli:	Negative
Salmonella:	Negative/25g

### 3) Microbiological Tests

<u>Test</u>	<u>Results</u>
Growth	
Escherichia coli ATCC 25922	Good
Staphylococcus aureus ATCC 25923	Good
Indole Production:	
Escherichia coli ATCC 25922	Positive

The laboratory results were obtained from type culture after incubation at a temperature of 35 C and observed after 18 – 24 hours.

**Laboratory results: Satisfactory**

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