

PRODUCT INFORMATION

Tryptone

Cat. No. T20-115

DESCRIPTION

Tryptone is a blend of peptones used as a nitrogen source in culture media. Tryptone is a mixed enzymatic hydrolysate with distinguishing nutritional properties. It is useful in the cultivation of Brucella, Streptococcus and Neisseria.

PHYSICAL AND CHEMICAL CHARACTERISTICS

TEST TYPE	SPECIFICATION
Color	Beige
Appearance	Homogeneous, free flowing powder
Amino Nitrogen	≥ 3.9%
Total Nitrogen	≥ 10%
Loss on Drying	≤ 6%
Ash	≤ 15%
pH (2% solution)	6.5 – 7.5

MICROBIOLOGICAL CHARACTERISTICS

TEST TYPE	SPECIFICATION
Standard Plate Count	< 5000 CFU/g
Yeast and Mold	< 100 CFU/g
Coliforms	Negative
Salmonella	Negative



QUALITY CONTROL SPECIFICATIONS

Expected cultural response after 18-24 hours at 35 °C.

ORGANISM	RESULT
<i>Escherichia coli</i> ATCC 25922	Good Growth – Indol (+)
<i>Staphylococcus aureus</i> ATCC 25923	Good Growth – Indol (-)

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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