

Use and description:

This high nutrient capacity medium is used for the microbiological testing of environmental surfaces sample have been treated with disinfectants specially the quaternary ammonium compounds.

Composition per liter:

Sodium chloride.....	5.0 g
Meat extract.....	5.0 g
Tryptone.....	5.0 g
Meat peptone.....	20.0 g
Yeast extract.....	2.0 g
Sodium Bisulfite.....	0.1 g
Lechitin.....	0.7 g

Final pH of the ready to use medium: 7.3 ± 0.2

Medium preparation:

Add 37,8 grams of dehydrated culture medium to 1 liter of distilled water. Add 7 ml Tween 80 and heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave for 15 min at 121°C.

Quality specification:

Dehydrated medium: homogeneous, beige, fine powder.
Ready to use medium: brown coloured, opalescent broth.

Microbiological response:

Organism	Result
<i>Escherichia coli</i> ATCC 25922	Good to excellent growth
<i>Staphylococcus aureus</i> ATCC 25923	Good to excellent growth
<i>Pseudomonas aeruginosa</i> ATCC 10145	Good to excellent growth
<i>Salmonella typhimurium</i> ATCC 14028	Good to excellent growth

Storage:

Dehydrated medium should be stored between 10 to 25°C. Once opened, place the container in a dry, dark place. The dehydrated medium should not be used if there is any lump or the color has changed from the original.