

Use and description:

Selective medium to detect enterococci in food , beverage and water by membrane filtration method. It contains TTC, to reduce to formazan, resulting red colonies and sodium azide to inhibit gram negative bacterias.

Composition per liter:

Peptones.....	20.0 g
Agar.....	12.0 g
Yeast extract.....	5.0 g
Glucose.....	2.0 g
Disodium H-phosphate.....	4.0 g
Sodium azide.....	0.4 g
TTC.....	0.05 g

Final pH of the ready to use medium: 7.2 ± 0.2 at 25°C

Medium preparation:

Add 43,5 grams of dehydrated culture medium to 1 liter of distilled water mix until evenly dispersed. Heat with repeated stirring and bring to boil for one minute to dissolve completely. DO NOT AUTOCLAVE AND EXCESSIVE HEATING MUST BE AVOIDED.

Quality specifications:

Dehydrated medium: homogeneous, light beige fine powder.

Ready to use medium: clear amber to slightly pinkish coloured agar.

Microbiological response:

Organism	Result
<i>Enterococcus faecalis</i> ATCC 29212	Growth pink to marron
<i>E. coli</i> ATCC 25922	Inhibited
<i>Staphylococcus aureus</i> ATCC 25923	Inhibited

Storage:

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