

MM0161

EE Broth
(Enterobacteria Enrichment Broth)

Use and description:

EE Broth Mossel is used for selective enrichment of Enterobacteriaceae from pharmaceutical products in accordance with the microbial limit testing by harmonized methodology of USP/EP/BP/JP/IP

Composition per liter:

Peptones 10.0 g
Bile Salt.....20.0 g
Glucose5.0 g
Brilliant Green0.015 g
Buffer Mix 10.0g

Final pH of the ready to use medium: 7.2±0.2 at 25.0 °C

Medium preparation:

Add 42.95 grams of dehydrated culture medium to 1 liter of distilled water. Dispense 120ml amounts in 250 ml flasks or 9ml amounts in tubes. Seal them with loose fitting caps . Heat in free for 30min in flowing steam or boiling water and cool immediately. DO NOT AUTOCLAVE this medium !

Quality specifications:

1. The powder is homogeneous, light yellow to greenish yellow
2. Ready to use medium: Emerald Green w/o any precipitate

Microbiological response at 30-35 °C after 24-48 hours incubation:

Organism	growth/Acid/IncT/IncP
<i>Escherichia coli</i> ATCC 25922	luxuriant/positive yellow/30-35C/max24h
<i>Pseudomonas aeruginosa</i> ATCC 9027	luxuriant/-/30-35C/max24h
<i>Staphylococcus aureus</i> ATCC 6538	inhibited//30-35C/48-h

Storage:

Store the sealed bottle containing the dehydrated medium at 2 to 30.0 °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 light yellow colour (greenish yellow)