Enterobacteriaceae Enrichment Broth-Mossel acc. to harm. EP/USP/JP

TN1236 500 g

Intended use
Test for bile-tolerant gram-negative bacteria.
Culture medium for testing non-sterile products.
This medium is based on the recommendation of the harmonised method acc. to EP/USP/JP..

Form
Powder

Color
Beige

Storage
Dry, tightly closed, at 10…30 °C.

Shelf life
5 years

Directions
Dissolve 43.4 g in 1 litre of distilled water. Heat at 100 °C for 30 minutes and cool down immediately.

Typical composition

Component	g/l
Pancreatic digest of gelatin	10,0
Glucose monohydrat	5,0
Dehydrated ox bile	20,0
Potassium dihydrogen phosphate	2,0
Disodium hydrogen phosphate, anhydrous (equivalent to 8.0 g Disodium hydrogen phosphate dihydrate)	6,38
Brilliant green	15,0 mg

Final pH at 25 °C
7.2 ± 0.2

Microbiological quality control

Test strain	Inoculum CFU / 10 ml	Broth appearance	Broth incubation	Growth on VRBD	Smear incubation
Salmonella Typhimurium ATCC 14028 WDCM 00031	≤ 100	turbidity	aerobically, **max.** 24 h at 30-35 °C	red colonies with red precipitate halo	aerobically, **max.** 18 h at 30-35 °C
Escherichia coli ATCC 8739 WDCM 00012	≤ 100	turbidity	aerobically, **max.** 24 h at 30-35 °C	red colonies with red precipitate halo	aerobically, **max.** 18 h at 30-35 °C
Escherichia coli ATCC 10536	≤ 100	turbidity	aerobically, **max.** 24 h at 30-35 °C	red colonies with red precipitate halo	aerobically, **max.** 18 h at 30-35 °C
Pseudomonas aeruginosa ATCC 9027 WDCM 00026	≤ 100	turbidity	aerobically, **max.** 24 h at 30-35 °C	colourless to pink colonies with no precipitate halo	aerobically, **max.** 18 h at 30-35 °C
Staphylococcus aureus ATCC 6538 WDCM 00032	≥ 10^4	no turbidity	aerobically**, min.** 48 h at 30-35 °C	no growth	aerobically**, min.** 24 h at 30-35 °C
Bacillus cereus ATCC 11778 WDCM 00001	≥ 10^4	no turbidity	aerobically**, min.** 48 h at 30-35 °C	no growth	aerobically**, min.** 24 h at 30-35 °C

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