

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

TN 1236 500 g



Intended use

Test for bile-tolerant gram-negative bacteria. Culture medium for testing non-sterile products. This culture medium is based on the recommendations of the harmonised method acc. to EP/USP/JP (2006).

Form

Powder

Colour

Bright greenish powder

Storage

Dry, tightly closed, at 10...25 °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-monohydrate	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
<i>Escherichia coli</i> ATCC 8739	10-100	turbidity	aerobically, max. 24 h, at 30-35 °C	red colonies with red precipitate halo	aerobically, max. 18 h, at 30-35 °C
<i>Pseudomonas aeruginosa</i> ATCC 9027	10-100	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
<i>Staphylococcus aureus</i> ATCC 6538	100-1000	none turbidity	aerobically, min. 48 h, at 30-35 °C	no growth	aerobically, min. 24 h, at 30-35 °C

Datum der Fassung: 2014/03/20

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