

Modified Scholtens' Broth (Base) MSB

TN 1071

500 g



Intended use

Used to detect and enumerate somatic coliphages in all kinds of water, sediments and sludges (DIN EN ISO 10705-2).

Form

Powder

Colour

Beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Typical composition

| Component | g/l |
|--------------------|------|
| Peptone | 10.0 |
| Yeast extract | 3.0 |
| Meat extract | 12.0 |
| Sodium chloride | 3.0 |
| Sodium carbonate | 0.75 |
| Magnesium chloride | 0.6 |

Directions

Dissolve 29.4 g in 1 litre distilled water. Autoclave at 121 °C for 15 minutes.

Final pH at 25 °C

7.2 ± 0.5

Microbiological quality control

The microbiological control is carried out with the test strain Escherichia coli CN ATCC 700078 (nalidixic acid-resistant mutant) and the bacteriophages ΦX174 ATCC 13706-B1. The results complied with the requirements.