

Product Code . ILS-WT-11454

Bacteriological H₂S Field Test Kit, Bottle



Description

Technical Specifications:-

The kit comprises a simple sterilized plastic or glass bottle that contains dry powder medium. The powder is completely soluble in water and a dark amber colour solution is formed on the addition of water.

The solution will change colour to black in the presence of H₂S producing organisms in ambient temperatures between 25°C and 44°C, preferably to be kept at 35-37°C, for an observation time of 24 to 48 hours. No incubator is needed for this range of temperatures.

This is a simple bacteriological testing kit that could be used to indicate the presence of pathogens. It does not attempt to identify the pathogens.

The kit can be used with any water irrespective of its source, including chlorinated water.

The medium Bacteriological grade Peptone (IP/USP/BP) 20.00 gm Dipotassium Hydrogen Phosphate, A.R. 1.50 gm Ferric Ammonium Citrate (Brown) (IP) 0.75 gm

The composition of the medium powder is as follows:

Sodium Thiosulphate, A.R. 1.00 gm




L-Cysteine HCl 0.125gm

Teepol or Labolene (neutral pH) 1.00 gm

Total 24.375gm

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