

## Technical Data Sheet

# LETZTEST Tubes - fecal bacteria in drinking water (P/A)



# Description

LETZTEST Tubes are a presence/absence test to easily detect bacteria of fecal origin in drinking water. The test tubes have numerous advantages in their use in rural areas where a laboratory and qualified laboratory staff might not be available: (i) local production possible, (ii) easier to use, (iii) easier to evaluate, (iv) less sensitive to errors, (v) incubation between 25-38°C possible, (vi) ready to use, (vii) easy to store (no cooling), (viii) easy to transport, (iv) cost and time effective.

## Specifications

- Art. No.: 116498 (English), 1017 (French), 1018 (Spanish)
- Form: Dry test strip in PP tube
- Dimensions: 25 ml 90x25 mm + lock
- Weight: 9 g
- Sample type: Drinking water. Suitable for chlorinated and non-chlorinated water samples as the test strip contains thiosulfate
- Detects: Escherichia coli (e.g. ATTC 8739), other H<sub>2</sub>S producing bacteria of fecal origin such as Salmonella and Citrobacter
- Detection limit: Test tubes successfully indicate less than 10/cfu of Escherichia Coli (ATTC 8739) in 20 ml test volume
- Selectivity: Made selective against growth of bacteria of non-fecal origin
- Incubation: Cultural characteristics observed after an incubation of 15 – 48 hours at ambient temperature (25°C to 38°C). Most recommended incubation temperature is 37°C.
- Disposal: Incineration of tubes (including solution) or add few drops of disinfectant (i.e. dettol, phenyl etc.) before discarding the bottle or use the autoclave wherever the facility is available.
- Storage & shelf-life: < 30°C (no light), 2 years
- Languages: English, French, Spanish

## Directions

1. Open without touching the inside
2. Fill it up to the mark
3. Tighten cap & shake
4. Incubate at room temperature (25 – 38°C) away from sunlight for 15-48 hours (quickest and most reliable result at 37°C)
5. After incubation read result (clear=good; black=bad).

## Production site

### LETZTEST

Gottfried-Hagen-Str. 60-62  
51105 Cologne (Germany)

LETZTEST is a company that attaches great importance to the quality of its products. Both the intermediate production stages and the final products are checked according to specified release criteria.

## Photos

