

# Tryptophan Peptone Water

## Tryptophan Broth

TN 1258 100 g



### Intended use

Used to differentiate Enterobacteriaceae by detection of indole formation (DIN EN 9308-1).

### Form

Powder

### Colour

Bright beige

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

5 years

### Typical composition

Component	g/l
Casein peptone	10
L-Tryptophan	1
Sodium chloride	5

### Directions

Dissolve 16 g in 1 litre distilled water and heat until completely dissolved. Autoclave at 121 °C for 15 minutes.

### Final pH at 25 °C

7.5 ± 0.2

### Microbiological quality control

Incubate Tryptophan Peptone Water (Tryptophan Broth) aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	CFU/ tube	Growth	Indole detection
<i>Escherichia coli</i> ATCC 10536	10-100	good	positive (clearly visible red coloration)
<i>Escherichia coli</i> ATCC 8739	10-100	good	positiv (clearly visible red coloration)
<i>Salmonella</i> Typhimurium ATCC 14028	10-100	good	negative (no red coloration)
<i>Citrobacter freundii</i> ATCC 8090	10-100	good	negative (no red coloration)
<i>Enterobacter aerogenes</i> ATCC 13048	10-100	good	negative (no red coloration)