

## TERRIFIC BROTH BASE

A highly nutritious medium to support high bacterial cell density to result increased yields of DNA and recombinant proteins.

<b>Dehydrated media</b>	
Code number:	500 g: TEB20500, 5 kg: TEB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

**Direction:** Suspend **48 g** in one litre of distilled water. Add **8 ml of Glycerol Supplement (GLC80100)**. Mix well and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

<b>Prepared media</b>	
Bottled media:	100 ml: TEB30100, 500 ml: TEB30500
Tubed media:	150 x 15 mm: TEB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,9 – 7,1

**Direction:** Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

### FORMULA in g/l

Tryptone	12,0
Yeast extract	24,0
Potassium phosphate, monobasic	2,3
Potassium phosphate, dibasic	9,7

**Note:** The typical formula can be adjusted to obtain optimal performance.

**Storage conditions:** Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media protected from light at room temperature. Use before the expiry date on the label.

#### Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Escherichia coli</i> ATCC 25922		Excellent	

**References:** Tartoff and Hobbs (1987) Bethesda Res. Lab. Focus, 9: 205.

**For professional use only!**