

## PRODUCT INFORMATION

### LB Medium (Lennox), Powder

Art.-Nr. 48501

#### Product description:

**General** LB Medium after the recipe of Lennox for cultivation of *E. coli*<sup>1</sup>. LB Medium is a standard medium for growth and propagation of *E. coli*. The salt content is suitable for plasmid production but enables as well the addition of magnesium chloride by phage amplifications. Ideal for cultures, which need salt-sensitive antibiotics e.g. Zeocin.

<b>Composition</b>	<b>Component:</b>	<b>Concentration:</b>
	Tryptone	10 g/l
	Yeast extract	5 g/l
	NaCl	5 g/l

**Storage** Recommended storage temperature of powder is +15 °C – +30 °C. Keep container tightly closed, because powder is very hygroscopic.

**Solution procedure** To prepare 1 L medium.

1. Fill 900 ml water dest. in a 1-liter flask. Suspend 20 g powder medium while stirring.
2. Adjust to pH 7 with ca. 0.2 ml 5 N NaOH with stirring, fill up to a final volume of 1 liter.
3. Autoclave for 20 min. at 121 °C.

<sup>1</sup> Bertani, G. (2004): Lysogeny at mid-twentieth century: P1, P2, and other experimental systems. In: J. Bacteriol. Bd. 186, Nr. 3, S. 595-600.