

LB media recipe

The recipe below is used to prepare a 1 L LB media solution.

Reagent	Weight / Volume
Tryptone	10 grams
NaCl	10 grams
Yeast extract	5 grams
Distilled water	Up to 1 L

How to make a 1 L LB media solution

1. Weigh out 10 g tryptone, 10 g sodium chloride (NaCl) and 5 g yeast extract and add to a 1 L Duran bottle.
2. Measure out approximately 900 mL of distilled water and add to the Duran bottle.
3. Shake the bottle to dissolve the reagents.
4. Once the reagents have fully dissolved, adjust the pH to 7.0 by using sodium hydroxide (NaOH) solution (1 N).
5. Once the pH is adjusted, top up the solution to 1 L by using distilled water.
6. To sterilise, autoclave the solution on a liquid cycle (20 min at 15 psi).