

PRODUCT SPECIFICATION

Product Name	LB Agar with Ampicillin
Product Code	PO5311A

Form of Product	Poured plate
Storage	6 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in foil
pH	7.25 ± 0.25
Colour	Ivory, transparent
Shelf life	10 weeks
Intended Usage	A medium for cultivation of bacteria cultures especially for isolation of plasmid carrying E.coli. For professional use only.
Technique	Depends on the different methods.

Typical Formulation*	grams per litre
Tryptone	10.0
Yeast extract	5.0
Sodium chloride	10.0
Ampicillin	0.1
Agar	15.0

* Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labelling and printing
2. Control for sterility
 - ≥ 72 h @ 25 ± 1°C, aerobic
 - ≥ 72 h @ 36 ± 1°C, aerobic
3. Biological control
 - Inoculum size for productivity: < 10 000 cfu
 - Inoculum size for specificity: < 10 000 cfu

Incubation conditions: 18-24 h @ 36 ± 1°C, anaerobic, Membrane filtration

Kontrollstamm	Wachstum
<i>Escherichia coli</i> DH10B	No growth
<i>Escherichia coli</i> ATCC®35218	No growth
<i>Enterococcus faecium</i> ATCC®19434	Good growth

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