



DATA SHEET

Product Name : **LB (Luria Bertani) Broth Low Salt**

Product Number : **MB-L4478**

TEST	SPECIFICATION
Presentation	Dehydrated culture medium
Storage Temp.	10-30 °C
pH	7.0 ±0.2
Appearance	light amber medium, slightly opalescent.
Shelflife	3 years

Use

LB(LuriaBertani)BrothLowSaltusedformaintainingandcultivatingrecombinantstrainsof*Escherichia coli*.

Quality Control

1. Control of general characteristics, label and print

2. Sterility control

7 days at 25 ±1°C, in aerobiosis

7 days at 36 ±1°C, in aerobiosis

3. Microbiological control

Inoculumfor productivity: 10-100 UFC/ml

Inoculumfor selectivity: 10⁴-10⁵UFC/ml

Inoculumfor specificity: ≤10⁴UFC/ml

Incubation conditions: 18-24 h at 35 ±2°C, in aerobiosis.

Microorganism	ATCC	Growth
<i>Escherichia coli</i>	23724 (C600)	inhibited
<i>Escherichia coli</i>	33694 (HB101)	good
<i>Escherichia coli</i>	33849 (DH1)	inhibited
<i>Escherichia coli</i>	39403 (JM103)	good
<i>Escherichia coli</i>	47014 (JM107)	inhibited
<i>Escherichia coli</i>	53868 (DH5)	good