



TECHNICAL DATA SHEET

DESCRIPTION LB (LURIA BERTANI) BROTH, BOTTLED
SGL PRODUCT CODE 3238

A medium used for genetic and molecular studies for the cultivation and maintenance of recombinant strains of Escherichia coli and for other non-fastidious microorganisms.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	10.0 g
Yeast extract	5.0 g
Sodium chloride	10.0 g
Purified water	1000 ml

*Product may be adjusted and/or supplemented to meet performance criteria

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, amber or brown liquid
pH at 20-25°C	7.5 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 5 days	No growth detected
Incubation at 35-37°C for 5 days	No growth detected
Incubation at 42-45°C for 5 days	No growth detected

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).