



TECHNICAL DATA SHEET

DESCRIPTION LETHEEN BROTH, BOTTLED

SGL PRODUCT CODE 3235

Letheen broth is a highly nutritious medium containing lecithin and polysorbate 80 for the neutralisation of quaternary ammonium compounds.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone	10.0 g
Beef extract	5.0 g
Sodium chloride	5.0 g
Lecithin	0.7 g
Polysorbate 80	5.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Turbid amber or brown liquid
pH at 20-25°C	7.0 ± 0.2

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

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Bacillus subtilis</i> ATCC 6633 NCTC 10400 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 1 day
<i>Candida albicans</i> ATCC 10231 NCPF 3179 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 2 days
<i>Kocuria rhizophila (Micrococcus luteus)</i> ATCC 9341 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 1 day

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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

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