



TECHNICAL DATA SHEET

DESCRIPTION LISTERIA SELECTIVE AGAR (OXFORD), 90MM PLATES
SGL PRODUCT CODE 9090

A selective medium designed to recover *Listeria* species including *Listeria monocytogenes*. *Listeria* species grow as grey/brown to black coloured colonies.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Columbia Blood Agar Base	39.0 g
Esculin	1.0 g
Ferric ammonium citrate	0.5 g
Lithium chloride	15.0 g
Agar	2.0 g
Acriflavin	0.005 g
Cefotetan	0.002 g
Colistin sulphate	0.02 g
Cycloheximide	0.4 g
Phosphomycin	0.01 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Amber to pale green gel
pH at 20-25°C	7.0 ± 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



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Listeria monocytogenes</i> ATCC 1911	≥50% CFU recovery compared to control at 35-37°C incubation after 44-52 hours Grey/brown to black colonies
<i>Listeria monocytogenes</i> ATCC 13932	≥50% CFU recovery compared to control at 35-37°C incubation after 44-52 hours Grey/brown to black colonies
<i>Escherichia coli</i> ATCC 25922	Partial to total inhibition at 35-37°C incubation after 44-52 hours
<i>Enterococcus faecalis</i> ATCC 19433	Partial to total inhibition at 35-37°C incubation after 44-52 hours

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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).