



TECHNICAL DATA SHEET

DESCRIPTION NUTRIENT AGAR, 90MM PLATES
SGL PRODUCT CODE 8078

A general purpose medium used for the growth of a wide variety of bacteria and fungi.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone	5.0 g
Meat extract	3.0 g
Sodium chloride	5.0 g
Agar	15.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Pale straw-coloured gel
pH at 20-25°C	7.4 ± 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	Good growth compared to control at 36-38°C incubation after 24±4hours
<i>Candida albicans</i> ATCC 2091 NCPF 3255	Good growth compared to control at 36-38°C incubation after 24±4hours
<i>Escherichia coli</i> ATCC8739 NCIB 8545	Good growth compared to control at 36-38°C incubation after 24±4hours
<i>Salmonella enteritidis</i> ATCC 13076	Good growth compared to control at 36-38°C incubation after 24±4hours
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788	Good growth compared to control at 36-38°C incubation after 24±4hours
<i>Streptococcus pyogenes</i> ATCC 12344 NCTC 8198	Good growth compared to control at 36-38°C incubation after 24±4hours
<i>Yersinia enterocolitica</i> ATCC 12982 NCTC 9610	Good growth compared to control at 29-31°C incubation after 24±4hours

NMT = Not more than

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NLT = Not less than

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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).