



## TECHNICAL DATA SHEET

**DESCRIPTION** COLUMBIA BLOOD AGAR + NEOMYCIN, 90MM PLATES  
**SGI PRODUCT CODE** 8022N

A medium based on Columbia agar and enriched with 5% horse blood, the addition of neomycin will inhibit most Gram-positive and Gram-negative aerobic bacteria, making the medium suitable for the selective isolation of many anaerobes including Clostridium and other fastidious species.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue & casein	23.0
Starch	1.0
Sodium chloride	5.0
Neomycin	0.075 g
Sterile defibrinated horse blood	50.0 ml
Agar	12.0 g
Purified water	1000 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Opaque, blood red coloured gel
pH at 20-25°C	7.4 ± 0.3

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°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>Clostridium sporogenes</i> ATCC 19404 NCTC 532 NMT 100 CFU inoculum	>50% CFU recovery compared to control, haemolytic at 35-37°C anaerobic incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545 NMT 100 CFU inoculum	<50% CFU recovery compared to control at 35- 37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NLT 1000 CFU inoculum	Completely inhibited compared to control 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 in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).