



## TECHNICAL DATA SHEET

**DESCRIPTION** COLUMBIA AGAR BASE, 90MM PLATES  
**SGL PRODUCT CODE** 8021

A modification of the original formulation of Columbia Agar base; the medium is a general purpose nutritious agar

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue & casein	23.0
Starch	1.0
Sodium chloride	5.0
Agar	12.0
Purified water	1000 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale straw coloured gel
pH at 20-25°C	7.3 ± 0.2

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>Bacillus subtilis</i> ATCC 6633 NCTC 10400	Growth comparable to control at 35-37°C incubation after not more than 1 day
<i>Candida albicans</i> ATCC 2091 NCPF 3255	Growth comparable to control at 35-37°C incubation after not more than 2 days
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788	Growth comparable to control at 35-37°C incubation after not more than 1 day
<i>Streptococcus pyogenes</i> ATCC 12344 NCTC 8198 NMT 100 CFU inoculum	Growth comparable 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.

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).

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