



TECHNICAL DATA SHEET

DESCRIPTION COLUMBIA AGAR + HORSE BLOOD + BACITRACIN, 90MM PLATES

SGL PRODUCT CODE 8023B

A medium based on Columbia agar, enriched with 5% chocolate horse blood. The addition of bacitracin makes the medium suitable for the selective isolation of respiratory tract pathogens such as *Haemophilus* spp. from clinical specimens.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue & casein	23.0
Starch	1.0
Sodium chloride	5.0
Bacitracin	0.077 g
Sterile defibrinated horse blood (chocolated)	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	Brown 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>Haemophilus influenzae</i> (clinical isolate)	Good growth compared to control at 35-37°C microaerophilic incubation after not more than 1 day
<i>Streptococcus pneumoniae</i> ATCC 6301	Good growth 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.

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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