



TECHNICAL DATA SHEET

DESCRIPTION BORDETELLA SELECTIVE MEDIUM (CHARCOAL AGAR + CEPHALEXIN), 90MM PLATES

SGL PRODUCT CODE 8006

A selective medium used for the cultivation and isolation of *Bordetella pertussis* and *Bordetella parapertussis*.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Meat extract	10.0 g
Enzymatic digest of animal tissue	10.0 g
Starch	10.0 g
Charcoal (bacteriological)	4.0 g
Sodium chloride	5.0 g
Nicotinic acid	0.001 g
Sterile defibrinated horse blood	100.0 ml
Cephalexin	0.04 g
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, black coloured gel
pH at 20-25°C	7.4 ± 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>Bordetella pertussis</i> ATCC 9797	Good growth compared to control at 35-37°C microaerophilic incubation after not more than 4 days
<i>Bordetella parapertussis</i> ATCC 15311	Good growth compared to control at 35-37°C microaerophilic incubation after not more than 2 days
<i>Klebsiella aerogenes</i> NCTC 9528	Inhibited compared to control at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788	Inhibited compared to control at 35-37°C incubation after not more than 1 day

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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).