



## TECHNICAL DATA SHEET

**DESCRIPTION** LEGIONELLA SELECTIVE AGAR BMPA, 90MM PLATES  
**SGL PRODUCT CODE** 8066

A medium used for the isolation of Legionella species from clinical specimens.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Potassium hydroxide	2.4 g
ACES buffer (N-(2-Acetamido)-2-aminoethanesulfonic acid)	10.0 g
Ferric pyrophosphate	0.25 g
Yeast extract	10.0 g
Charcoal	2.0 g
$\alpha$ -Ketoglutarate	1.0 g
L-cysteine hydrochloride	0.557 g
Cefamandole	0.004 g
Polymyxin	80,000 IU
Anisomycin	0.08 g
Agar	13.0 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	6.9 $\pm$ 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>Legionella pneumophila</i> NCTC 12821 NMT 100 CFU inoculum	>50% CFU recovery compared to control, white colonies at 35-37°C incubation after not more than 3 days
<i>Legionella pneumophila</i> ATCC 33152 NCTC 11192 NMT 100 CFU inoculum	>50% CFU recovery compared to control, white colonies at 35-37°C incubation after not more than 3 days
<i>Legionella pneumophila</i> environmental isolate NMT 100 CFU inoculum	>50% CFU recovery compared to control, white colonies at 35-37°C incubation after not more than 3 days
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545 NMT 100 CFU inoculum	<10% CFU recovery compared to control at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NMT 100 CFU inoculum	<10% CFU recovery 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).