



TECHNICAL DATA SHEET

DESCRIPTION AEROMONAS MEDIUM, 90MM PLATES

SGL PRODUCT CODE 8049

A selective diagnostic medium for the isolation of Aeromonas hydrophila from clinical and environmental samples

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Proteose peptone	5.0 g
Yeast extract	3.0 g
L. Lysine monohydrochloride	3.5 g
L. Arginine monohydrochloride	2.0 g
Sorbitol	3.0 g
Inositol	2.5 g
Lactose	1.5 g
Xylose	3.75 g
Bile Salts No.3	3.0 g
Sodium thiosulphate	10.67 g
Sodium chloride	5.0 g
Ferric ammonium citrate	0.8 g
Bromothymol blue	0.04 g
Thymol blue	0.04 g
Ampicillin	0.005 g
Agar	12.5 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, blue coloured gel
pH at 20-25°C	8.0 ± 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>Aeromonas hydrophila</i> ATCC 7966 NCTC 8049	Good growth compared to control, dark green opaque colonies with darker centres, 0.5-1.5mm diameter at 35-37°C incubation after not more than 1 day
<i>Pseudomonas aeruginosa</i> ATCC 27853 NCTC 12903	Good growth compared to control, blue/grey translucent colonies, pinpoint to 0.25mm diameter at 35-37°C incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 8739 NCTC 12923 NCIMB 8545	May be inhibited compared to control, yellow colonies and/or yellow zones 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).