



TECHNICAL DATA SHEET

DESCRIPTION ACETAMIDE BROTH, BOTTLED

SGL PRODUCT CODE 3236

A medium used for the confirmation of *Pseudomonas aeruginosa* in water samples.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Acetamide	2.0 g
Magnesium sulphate	0.158 g
Sodium chloride	0.2 g
Sodium molybdate	0.005 g
Ferrous sulphate	0.0005 g
Dipotassium hydrogen phosphate	0.2 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 to slightly turbid liquid, may have slight precipitate
pH at 20-25°C	7.0 ± 0.5

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 7 days	No growth detected
Incubation at 35-37°C for 7 days	No growth detected
Incubation at 42-45°C for 7 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Pseudomonas aeruginosa</i> ATCC 27853 NCTC 12934	Yellow to brick-red colour after the addition of 2 drops of Nessler's reagent (SGL0322) at 35-37°C incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 25922 NCTC 12241	No colour change after the addition of 2 drops of Nessler's reagent (SGL0322) 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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