



TECHNICAL DATA SHEET

DESCRIPTION PHOSPHATE BUFFERED STERILE SALINE + 0.05%
POLYSORBATE 80, BOTTLED
SGL PRODUCT CODE 3503

A diluent for the suspension and dilution of test samples.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Sodium chloride	8.0 g
Potassium chloride	0.2 g
Disodium hydrogen phosphate	1.15 g
Potassium dihydrogen phosphate	0.2 g
Polysorbate (Tween®) 80	0.5 ml
Purified water	1000 mL

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, colourless liquid

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for a minimum of 5 days* ¹	No growth detected
Incubation at 35-37°C for a minimum of 5 days * ¹	No growth detected
Incubation at 42-45°C for a minimum of 5 days * ¹	No growth detected

*¹ When samples added to Tryptone Soya Broth

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Escherichia coli</i> ATCC 8739 NCIMB 8545 NCTC 12923	±50% recovery after 45 minutes at ambient temperature compared to original count

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 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).