



TECHNICAL DATA SHEET

DESCRIPTION BUFFERED SODIUM CHLORIDE PEPTONE BROTH,
HARMONISED + 1% TWEEN (BSCPT), BOTTLED

SGL PRODUCT CODE 3426

A diluent for the suspension and dilution of test samples. The diluent matches the formulation requirements specified in European Pharmacopoeia (EP) 2.6.12 but with addition of Polysorbate (Tween®) 80 to aid homogenisation.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Potassium dihydrogen phosphate	3.6 g
Disodium hydrogen phosphate dihydrate	7.2 g
Sodium chloride	4.3 g
Peptone (meat or casein)	1.0 g
Polysorbate 80	10 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, straw coloured liquid
pH at 20-25°C	7.0 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 14 days	No growth detected
Incubation at 35-37°C for 14 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Staphylococcus aureus</i> ATCC 6538 WDCM 00032 NMT 100 CFU	±30% CFU recovery after 45 mins compared to original count
<i>Escherichia coli</i> ATCC 8739 WDCM 00012 NMT 100 CFU	±30% CFU recovery after 45 mins compared to original count

NMT = Not more 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).