



TECHNICAL DATA SHEET

DESCRIPTION BUFFERED PEPTONE WATER + 5% TWEEN 80, BOTTLED
SGL PRODUCT CODE 4855

Diluent primarily used as a general rinse or diluent to test a wide variety of samples.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone	10.0 g
Sodium chloride	5.0 g
Disodium hydrogen phosphate	3.5 g
Potassium dihydrogen phosphate	1.5 g
Tween 80	50.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale straw coloured liquid
pH at 20-25°C	7.2 ± 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>Escherichia coli</i> ATCC 8739	±50% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538	±50% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 1 day

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824).