



TECHNICAL DATA SHEET

DESCRIPTION PAGES BUFFERED SALINE SOLUTION, BOTTLED
SGL PRODUCT CODE 3150

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

FORMULATION

Typical product composition*:

| COMPONENT | WEIGHT / VOLUME |
|---------------------------------|-----------------|
| Sodium chloride | 0.12 g |
| Magnesium sulphate heptahydrate | 0.004 g |
| Calcium chloride dihydrate | 0.004 g |
| Disodium hydrogen phosphate | 0.142 g |
| Potassium dihydrogen phosphate | 0.136 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, colourless liquid |

| STERILITY TESTS | SPECIFICATION CRITERIA |
|-------------------------------------|------------------------|
| Incubation at 22-25°C for 7-14 days | No growth detected |
| Incubation at 35-37°C for 7-14 days | No growth detected |
| Incubation at 42-45°C for 7-14 days | No growth detected |

| GROWTH PROMOTION / INHIBITION TESTS | SPECIFICATION CRITERIA |
|---|--|
| <i>Escherichia coli</i> ATCC 8739 WDCM 00012 | ±30% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 24hrs |
| <i>Legionella pneumophila</i> NCTC 12821 | ±30% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 72hrs |
| <i>Staphylococcus aureus</i> ATCC 6538 WDCM 00032 | ±30% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 24hrs |

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).