



## TECHNICAL DATA SHEET

**DESCRIPTION** PHOSPHATE BUFFER SOLUTION, BOTTLED  
**SGL PRODUCT CODE** 3173

Sterile potassium dihydrogen phosphate solution 3.8 g/Litre for microbiology

### FORMULATION

Typical product composition\*:

| COMPONENT                      | WEIGHT / VOLUME |
|--------------------------------|-----------------|
| Potassium dihydrogen phosphate | 3.8 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 |
| pH at 20-25°C  | 7.2 ± 0.2                |

| STERILITY TESTS                  | SPECIFICATION CRITERIA |
|----------------------------------|------------------------|
| Incubation at 22-25°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     |

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).