



# Product Specification

## Product Name: BUFFER SOLUTION pH 7.0 Colourless

Alternate Name(s)

### Description

pH 7.0 buffer, colourless, aqueous solution, containing potassium dihydrogen orthophosphate and di-potassium hydrogen orthophosphate as the principal ingredients, & sodium azide as preservative.

### Properties

Chemical Formula: Mixture

Molecular Weight:

Product Code: BL077

CAS No.

### General Information:

Non combustible material.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH95

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Not classified as hazardous according to the criteria of ASCC.

### Quality Specification

Assay: pH 7.0 ± 0.05 @ 20°C

### Specific Properties and Impurities [Typical levels]:

Specific Gravity	~1.0
pH Value	7.0 ± 0.05 (20°C)
Temperature (°C)	Average pH
10	7.06
15	7.03
20	7.00
25	6.98
30	6.93
35	6.91
40	6.89

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