



## Phosphate Buffer, pH 7.2

LQ165

Used as a diluent as recommended by United States Pharmacopeia.

### Composition\*\*

Ingredients	Gms / Litre
Potassium dihydrogen phosphate	34.000
Distilled water	500.000

The pH is adjusted to 7.2 with 1N NaOH and the volume made to 1000 ml with distilled water.

### Principle And Interpretation

Phosphate buffer pH 7.2 is formulated as described in USP (1). The phosphate buffer is required for the antibiotic preparation used in antibiotic assay. It is used in preparation of dilutions.

### Quality Control

#### Appearance

Sterile clear Phosphate Buffer Solution pH 7.2 in glass tubes.

#### Colour

Colourless clear solution.

#### Quantity

9 ml of solution in glass tubes.

#### Reaction

7.20 (pH)

#### Sterility test

Passes release criteria

### Storage and Shelf Life

Store between 2-8°C. Use before expiry date on the label.

### Reference

1. The United States Pharmacopoeia, 2013, The United States Pharmacopoeial Convention. Rockville, MD.

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