Phosphate Buffer, pH 7.2 with Glass Bead

Used as a diluent as recommended by United States Pharmacopeia.

Composition**

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Gms / Litre</th>
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</thead>
<tbody>
<tr>
<td>Potassium dihydrogen phosphate</td>
<td>34.000</td>
</tr>
<tr>
<td>Distilled water</td>
<td>500.000</td>
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</tbody>
</table>

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

Final Phosphate Buffer, pH 7.2 : 1ml of the above solution is added to 800 ml of purified water and sterilized.

Directions

Label the ready to use bottle.

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 with Glass Bead in tubes.

Colour
Colourless clear solution.

Quantity
9 ml of solution in glass tubes.

Reaction
7.20

Sterility test
Passes release criteria

Storage and Shelf Life
Store on receipt between 15-25°C. Use before expiry date on the label.

Reference


Disclaimer:

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