AfCS Solution Protocol

Reagent name: Potassium phosphate (monobasic), 0.4 M
Reagent name abbreviation: 0.4 M KH₂PO₄
Protocol ID: PS00000413
Version: 01
Volume: 100 ml

Components:

<table>
<thead>
<tr>
<th>Reagent</th>
<th>Source</th>
<th>Catalog or Protocol No.</th>
<th>F.W. or Stock Conc.</th>
<th>Quantity</th>
<th>Final Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium phosphate monobasic (KH₂PO₄)</td>
<td>Sigma-Aldrich</td>
<td>P5379</td>
<td>136.1</td>
<td>5.44 g</td>
<td>0.4 M</td>
</tr>
</tbody>
</table>

Preparation:
1. Weigh KH₂PO₄ and put into a 200-ml beaker.
2. Add 70 ml purified water and stir to dissolve.
3. Adjust volume to 100 ml with purified water in a graduated cylinder.
4. Sterilize the solution by filtration through a 0.2-µm filter.

Storage:
Temperature: Room temperature
Location: __________________
Aliquot size: NA
Special instructions: None

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Date: 10/25/02

Approved: Grischa Chandy

Comments: None