AfCS Solution Protocol

Reagent name: Calcium chloride, 1 M
Reagent name abbreviation: 1 M CaCl$_2$
Protocol ID: PS00000422
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>Calcium chloride (CaCl$_2$)</td>
<td>Sigma-Aldrich</td>
<td>C3881</td>
<td>147</td>
<td>14.7 g</td>
<td>1 M</td>
</tr>
</tbody>
</table>

Preparation:
1. Weigh CaCl$_2$ 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: 08/14/02
Approved: Grischa Chandy
Comments: None