AfCS Solution Protocol

Reagent name: Potassium hydroxide, 5 N
Reagent name abbreviation: 5 N KOH
Protocol ID: PS00000409
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 hydroxide (KOH)</td>
<td>Fisher Scientific</td>
<td>P250-500</td>
<td>56.11</td>
<td>28.06 g</td>
<td>5 N</td>
</tr>
</tbody>
</table>

Preparation:
1. Pour 50 ml purified water into a 100-ml beaker on ice and begin stirring with a stir bar in the hood.
2. Weigh KOH and add slowly to beaker while stirring. Let solution cool to room temperature.
3. Transfer solution to a graduated cylinder and adjust volume to 100 ml with purified water.
4. Pour solution into a 100-ml glass bottle, cap, and mix thoroughly.

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

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Date: 08/15/02
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Comments: None