AfCS Solution Protocol

Reagent name: Ammonium bicarbonate stock solution, 50 mM

Reagent name abbreviation: 50 mM NH₄HCO₃ stock solution

Protocol ID: PC00000494

Version: 01

Volume: 1 L

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>1 M NH₄HCO₃ stock solution</td>
<td>None</td>
<td>PS00000493</td>
<td>1 M</td>
<td>50 ml</td>
<td>50 mM</td>
</tr>
<tr>
<td>HPLC-grade water</td>
<td>Fisher Scientific</td>
<td>W5-4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

Preparation:
1. Measure 50 ml of 1 M NH₄HCO₃ stock solution in a 100-ml graduated cylinder.
2. Pour the 1 M NH₄HCO₃ stock solution into a 1-L graduated cylinder.
3. Bring volume to 1 L with HPLC-grade water.
4. Transfer solution to a 1-L flask.

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

Author: Deepa Sethuraman/She Chen

Date: 04/22/03

Approved: Hongjun Shu/Marc Mumby

Comments: None