AfCS Solution Protocol

Reagent name: Tris(hydroxymethyl)aminomethane-HCl, pH 8.8, 1.5 M

Reagent name abbreviation: 1.5 M Tris-HCl, pH 8.8

Protocol ID: PS0000482

Version: 01

Volume: 2 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>Tris base</td>
<td>Fisher Scientific</td>
<td>BP152-5</td>
<td>121.1</td>
<td>363 g</td>
<td>1.5 M</td>
</tr>
<tr>
<td>Hydrochloric acid (HCl), 1 N</td>
<td>None</td>
<td>PS00000034</td>
<td>1 N</td>
<td>As needed</td>
<td>NA</td>
</tr>
</tbody>
</table>

Preparation:
1. Dissolve Tris base in 1800 ml of purified water in a beaker.
2. Adjust pH to 8.8 with concentrated HCl. Volume will vary.
3. Transfer solution to a 2-L graduated cylinder and adjust volume to 2 L with purified water.
4. Filter to sterilize.

Storage:
- Temperature: 4 °C
- Location: ____________
- Aliquot size: NA
- Special instructions: None

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Date: 04/11/03

Approved: Marc Mumby

Comments: Prior to use, allow solution to stand at room temperature for 2 hr, then measure pH again. Adjust pH to 8.8 by adding concentrated HCl.