AfCS Solution Protocol

**Reagent name:** Nanoelectrospray sample solution, positive ion mode

**Reagent name abbreviation:** None

**Protocol ID:** PS00000506

**Version:** 01

**Volume:** 20 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>Formic acid, 50%</td>
<td>Fluka</td>
<td>09676</td>
<td>50%</td>
<td>2 ml</td>
<td>5%</td>
</tr>
<tr>
<td>Methanol, HPLC</td>
<td>Fisher Scientific</td>
<td>A452-4</td>
<td>100%</td>
<td>10 ml</td>
<td>50%</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 10 ml of HPLC-grade methanol in a 20-ml graduated cylinder.
2. Add 2 ml of 50% formic acid.
3. Adjust volume to 20 ml with HPLC-grade water.
4. Mix thoroughly.
5. Transfer to a 20-ml glass vial.

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

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**Date:** 04/22/03

**Approved:** Hongjun Shu/Marc Mumby

**Comments:** None