AfCS Solution Protocol

**Reagent name:** In-gel digestion extraction solution 1

**Reagent name abbreviation:** Extraction solution 1

**Protocol ID:** PS00000496

**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>Acetonitrile (ACN), HPLC</td>
<td>Burdick &amp; Jackson</td>
<td>AH015-4</td>
<td>100%</td>
<td>50 ml</td>
<td>50%</td>
</tr>
<tr>
<td>Trifluoroacetic acid (TFA)</td>
<td>Sigma-Aldrich</td>
<td>30203-1</td>
<td>100%</td>
<td>5 ml</td>
<td>5%</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 ACN in a 100-ml graduated cylinder.
2. Add 5 ml TFA to the ACN.
3. Adjust volume to 100 ml with HPLC-grade water.
4. Transfer solution to a 100-ml flask and mix thoroughly.

**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