Technical Data Sheet

ACS Material Acetate Deiodinase Adsorbent

Table of Contents

1 – Preparation Method
2 – Characterizations
3 – Application Fields

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Revision: 040517
1. Preparation Method
Preparation of ZSM-5, and silver is loaded.

2. Characterizations

<table>
<thead>
<tr>
<th>Form:</th>
<th>Mesoporous</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiO$_2$/Al$_2$O$_3$ Molar Ratio:</td>
<td>10-20</td>
</tr>
<tr>
<td>Shape:</td>
<td>Sphere</td>
</tr>
<tr>
<td>Diameter:</td>
<td>0.5-0.8 mm</td>
</tr>
<tr>
<td>Strength:</td>
<td>$&gt;8$ N</td>
</tr>
<tr>
<td>Ag %:</td>
<td>$&gt;7$ %</td>
</tr>
<tr>
<td>Life time:</td>
<td>$&gt;300$ d</td>
</tr>
</tbody>
</table>

Typical Image of ACS Material Acetate Deiodinase Adsorbent
3. Application Fields

1) Removing trace iodine from acetic acid produced by oxo synthesis
2) The de-iodine acetic acid is suitable for making ethyl acetate

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