CHARACTERISTICS: Amorphous, white or almost white powder, hygroscopic. Very soluble in water, soluble in methanol, practically insoluble in methylene-chloride. Molecular weight: 280.5

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Identification</th>
<th>Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Thin-layer chromatography</td>
<td>To pass test</td>
</tr>
<tr>
<td>B. Reaction of magnesium</td>
<td>To pass test</td>
</tr>
<tr>
<td>Appearance of the solution</td>
<td>To pass test</td>
</tr>
<tr>
<td>pH</td>
<td>5.5-7.0</td>
</tr>
<tr>
<td>Specific optical rotation (Anhydrous substance)</td>
<td>-23.3° to -26.5°</td>
</tr>
</tbody>
</table>

Related substances:
- Impurity B: 1.0% max
- Unspecified impurities: 0.1% max
- Total of other impurities: 0.5% max
- Arsenic: 2 ppm max
- Chlorides: 500 ppm max
- Nitrates: 200 ppm max
- Sulphates: 0.1% max
- Iron: 200 ppm max
- Heavy metals: 20 ppm max
- Water content: 8.0% max
- Magnesium content (as is): 8.49-8.84%

PACKAGING: Various packaging combinations are available depending upon customer requirements. Standard packaging is 25 kg fiber drums with inner HMHDPE liners.

SHELF LIFE AND STORAGE INSTRUCTIONS: Material should be re-tested against certificate of analysis three years from date of manufacture and stored in a well closed container protected from direct sunlight and moisture, unless otherwise specified.

OTHER: Manufacturing site is cGMP (by WHO), EDQM (European Directorate for the Quality of Medicines), HACCP, ISO-9001:2000, ISO-14001,