**Product**: Iron (III) Hydroxide Polymaltose Complex  36 %

**Shelf Life**: 5 Years

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description without Solubility</td>
<td>Reddish deep brown coloured amorphous powder, any odour and only a feeble astringent taste.</td>
</tr>
<tr>
<td>Moisture content</td>
<td>NMT 7% (w/w)</td>
</tr>
<tr>
<td>pH of 10 % solution in water</td>
<td>6.0 to 6.5 (w/w )</td>
</tr>
</tbody>
</table>

**Chemicals Parameter: (On Dry Basis)**

- **a) Ferric Iron**: It gives Blue colour with Ferrocyanide
- **b) Polymaltose**: It gives green colour with Anthrone Reagent
- **Chloride as NaCl**: NMT 3 %
- **Heavy Metals**: NMT 70 ppm
- **Arsenic**: NMT 2 ppm
- **Copper**: NMT 60 ppm
- **Lead**: NMT 25 ppm
- **Zinc**: NMT 150 ppm
- **Carbohydrates Glucose**: 26 % to 34 %
- **Polymaltose Content**: 24 % to 31 %
- **Assay of Iron**: 32 % to 36 %

**Microbiological Parameter**

- **Total Plate Count**: NMT 100 CFU per gm
- **Yeast & moulds**: NMT 100 CFU per gm
- **Pathogens**: Absent
- **E. coli**: Absent
- **Salmonella**: Absent