



# Rang Sarjan Chemicals

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## TEST PARAMETERS AND SPECIFICATIONS

<b>Product:</b>		<b>Ferric chloride Hexahydrate</b>
<b>CAS No:</b>		<b>10025-77-1</b>
<b>MOLECULAR FORMULA:</b>		<b>FeCl<sub>3</sub>.6H<sub>2</sub>O</b>
<b>MOLECULAR WEIGHT:</b>		<b>270.30 gm/mol.</b>

<b>Description</b>		<b>Brownish To Yellow lumps</b>
<b>Solubility</b>		<b>Very Soluble in water</b>
<b>PH</b>		<b>&lt;2</b>
<b>Acidity (As HCL)</b>	<b>WT %</b>	<b>MAX: 0.1</b>
<b>Sulphate</b>	<b>WT %</b>	<b>MAX: 0.01</b>
<b>Assay</b>	<b>WT %</b>	<b>MIN: 99.0</b>
<b>Ferric Chloride (as FeCl<sub>3</sub>)</b>	<b>WT %</b>	<b>MIN: 59.51</b>
<b>Insoluble Matter</b>	<b>WT %</b>	<b>MAX: 0.01</b>
<b>Ferrous Salts (as FeCl<sub>2</sub>)</b>	<b>WT %</b>	<b>MAX: 0.01</b>
<b>Nitrates (as NO<sub>3</sub>)</b>	<b>WT %</b>	<b>MAX :0.005</b>
<b>Lead(pb)</b>	<b>WT %</b>	<b>MAX:0.005</b>
<b>Copper (as Cu)</b>	<b>WT %</b>	<b>MAX :0.005</b>
<b>Ni</b>	<b>WT %</b>	<b>MAX :0.005</b>
<b>Zinc (as Zn)</b>	<b>WT %</b>	<b>MAX :0.005</b>
<b>Mn</b>	<b>WT %</b>	<b>MAX :0.005</b>
<b>Arsenic (as As<sub>2</sub>O<sub>3</sub>)</b>	<b>WT %</b>	<b>MAX :0.0005</b>

**CERTIFIED BY (sign/Date): Aniket Mehta 01/01/2025**