

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	30088
Product	Iron(III) chloride hexahydrate Ferric chloride hexahydrate
CAS Number	10025-77-1
Molecular Formula	$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$
Molecular Weight	270.3
<hr/>	
Appearance	Brownish yellow solid / LUMPS
Solubility	92 g in 100 mL in water
Melting Point	37 °C (Approx.)
Anion	Nitrate (NO_3^-) : $\leq 0.01\%$ Sulfate (SO_4^{2-}) : $\leq 0.01\%$ Phosphorous Compounds (as PO_4^{3-}) : $\leq 0.01\%$
Cation	Calcium (Ca) : $\leq 0.01\%$ Copper (Cu) : $\leq 0.003\%$ Magnesium (Mg) : $\leq 0.005\%$ Potassium (K) : $\leq 0.005\%$ Sodium (Na) : $\leq 0.05\%$ Zinc (Zn) : $\leq 0.003\%$ Ferrous iron (Fe^{++}) : $\leq 0.002\%$
Insoluble material	$\leq 0.01\%$
Assay by titration	97 - 102%
Grade	ACS reagent
Storage	Store at RT

For Laboratory Use Only