

Ferric Chloride (Liquid) SPECIFICATION

(IS: 711 - 1970)

CAS NO.	:	7705-08-0
SYSTEMATIC NAME	:	Ferric Chloride
OTHER NAME	:	Iron (III) Chloride, Iron tri Chloride
EMPIRICAL FORMULA	:	FeCl₃
MOLECULAR WT	:	162.2 g/mol
APPEARANCE	:	Dark brown liquid
SPECIFICATIONS	:	Ferric Chloride (as Fecl₃) : 40.00- 42.00% min
		Specific gravity : 1.42 – 1.46 min
		Insoluble matter : 0.05 % max
		Free Acid (as HCL) : 0.02 % max
		Free Chlorine (as Cl) : 0.01 % max
		Ferrous Salts (as Fecl₂) : 0.10 % max
		Sulphates (as SO₄) : 0.30 % max
		Nitrates (as NO₃) : 0.05 % max
		Copper (as Cu) : 0.015 % max
		Zinc (as Zn) : 0.01 % max
		Arsenic (as As₂O₃) : 0.0002 % max
		Alkalis and Alkaline earths : 0.20 % max