

Ferric Chloride Hexahydrate

SPECIFICATION

(IS : 711 – 1970)

CAS NO.	: 10025-77-1
SYSTEMATIC NAME	: Ferric Chloride Hexahydrate
OTHER NAME	: Iron (III) Chloride, Iron tri Chloride
EMPIRICAL FORMULA	: FeCl₃ 6H₂O
MOLECULAR WT	: 270.3 g/mol
APPEARANCE	: Brownish-yellow solid
SPECIFICATIONS	: Ferric Chloride Hexahydrate (as FeCl₃ 6H₂O) : 99.99 % min
	Ferric Chloride (as FeCl₃) : 60.00 % min
	Free Acid (as HCL) : 0.03 % max
	Free Chlorine (as Cl) : 0.01 % max
	Insoluble Matter : 0.50 % 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) : 0.0003 % max
	Alkalis and Alkaline earths : 0.30 % max