

FERRIC CHLORIDE (ANHYDROUS)

(IS: 711 — 1970)

SPECIFICATION

CAS NO.	: 7705-08-0
SYSTEMATIC NAME	: Ferric Chloride
OTHER NAME	: Iron(III) chloride, Iron tri chloride, Ferric Trichloride Anhydrous
EMPIRICAL FORMULA	: FeCl_3
MOLECULAR WT	: 162.2 g/mol
APPEARANCE	: Dark Greenish Black, Crystalline Powder Extremely hygroscopic
SPECIFICATIONS	: Ferric Chloride (as FeCl_3) : 98.00 % min
	Matter Insoluble in water : 0.50 % max
	Free Chlorine (as Cl) : 0.01 % max
	Ferrous Salts (as FeCl_2) : 0.10 % max
	Sulphates (as SO_4) : 0.30 % max
	Nitrates (as NO_3) : 0.05 % max
	Copper (as Cu) : 0.015 % max
	Zinc (as Zn) : 0.01 % max
	Arsenic (as As_2O_3) : 0.0005 % max
	Alkalis and Alkaline earths : 0.30 % max