

FERRIC CHLORIDE (LIQUID)

(IS: 711 — 1970)

SPECIFICATION

CAS NO.	: 7705-08-0
SYSTEMATIC NAME	: Ferric Chloride
OTHER NAME	: Iron (III) Chloride, Iron tri Chloride
EMPIRICAL FORMULA	: FeCl_3
MOLECULAR WT	: 162.2 g/mol
APPEARANCE	: Dark brown liquid
SPECIFICATIONS	: Ferric Chloride (as FeCl_3)
	Specific gravity : 40.00- 42.00% min
	Insoluble matter : 1.42 — 1.46 min
	Free Acid (as HCL) : 0.05 % max
	Free Chlorine (as Cl) : 0.02 % max
	Ferrous Salts (as FeCl_2) : 0.01 % max
	Sulphates (as SO_4) : 0.10 % max
	Nitrates (as NO_3) : 0.30 % max
	Copper (as Cu) : 0.05 % max
	Zinc (as Zn) : 0.015 % max
	Arsenic (as As_2O_3) : 0.01 % max
	Alkalis and Alkaline earths : 0.0002 % max
	: 0.20 % max