



Certificate of Analysis

Ferric Chloride

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 ₂ O ₃)	:	0.0005 % max
Alkalis and Alkaline earths	:	0.30 % max