



Specification for Ferric Chloride, Hexahydrate, Lump, Reagent, ACS (F1010)

Item Number	F1010
Item	Ferric Chloride, Hexahydrate, Lump, Reagent, ACS
CAS Number	10025-77-1
Molecular Formula	FeCl ₃ •6H ₂ O
Molecular Weight	270.30
MDL Number	
Synonyms	Iron (III) Chloride

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (FeCl ₃ •6H ₂ O)	97.0 - 102.0 %	
INSOLUBLE MATTER		0.01 %
NITRATE (NO ₃)		0.01 %
PHOSPHORUS COMPOUNDS (as PO ₄)		0.01 %
SULFATE		0.01 %
CALCIUM (Ca)		0.01 %
COPPER (Cu)		0.003 %
MAGNESIUM (Mg)		0.005 %
POTASSIUM (K)		0.005 %
SODIUM (Na)		0.05 %
ZINC (Zn)		0.003 %
FERROUS IRON (Fe ⁰)		0.002 %
EXPIRATION DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000