

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Iron chloride hexahydrate,AR,99%

ITEM NUMBER: F102739
BRAND: Aladdin
CAS NUMBER: 10025-77-1
MDL NUMBER: MFCD00149712
FORMULA: $\text{Cl}_3\text{Fe}\cdot 6\text{H}_2\text{O}$
MOLECULAR WEIGHT: 270.30

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Yellow to Yellow-Orange,brown powder,crystal,chunk		
Arsenic(As)	0 %	0.002 %	0.002 %
Calcium (Ca)	0 %	0.005 %	0.005 %
Cu	0 %	0.005 %	0.005 %
Free acid (HCl)	0 %	0.1 %	0.1 %
Insoluble matter	0 %	0.01 %	0.01 %
Iron(Fe)	0 %	0.002 %	0.002 %
Magnesium(Mg)	0 %	0.002 %	0.002 %
Manganese(Mn)	0 %	0.02 %	0.02 %
Nitrate(NO3)	0 %	0.01 %	0.01 %
phosphorus	0 %	0.01 %	0.01 %
Potassium(K)	0 %	0.002 %	0.002 %
Purity	99 %	100 %	100 %
Sodium(Na)	0 %	0.02 %	0.02 %
Sulfate	0 %	0.01 %	0.01 %
X-Ray Diffraction	Conforms to Structure		
Zinc(Zn)	0 %	0.003 %	0.003 %