

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Cobalt chloride hexahydrate,ACS reagent,98%

ITEM NUMBER: C116459
BRAND: Aladdin
CAS NUMBER: 7791-13-1
MDL NUMBER: MFCD00149652
FORMULA: $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$
MOLECULAR WEIGHT: 237.93

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Red to purple Powder or Solid or Crystals		
Assay by Compleximetric EDTA	97.5 %	102.5 %	102.5 %
Ca (Calcium)	0 %	0.005 %	0.005 %
Copper (Cu)	0 %	0.002 %	0.002 %
Insoluble matter(c = 10%; Water)	0 %	0.01 %	0.01 %
Iron(Fe)	0 %	0.005 %	0.005 %
Magnesium(Mg)	0 %	0.005 %	0.005 %
Nickel(Ni)	0 %	0.1 %	0.1 %
Nitrate(NO3)	0 %	0.01 %	0.01 %
Pitassium(K)	0 %	0.01 %	0.01 %
Sodium (Na)	0 %	0.05 %	0.05 %
Sulfale(SO4)	0 %	0.01 %	0.01 %
X-Ray Diffraction	Conforms to Structure		
Zinc(Zn)	0 %	0.03 %	0.03 %