

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Cobalt nitrate hexahydrate,ACS

ITEM NUMBER: C112732
BRAND: Aladdin
CAS NUMBER: 10026-22-9
MDL NUMBER: MFCD00149647
FORMULA: $\text{CoN}_2\text{O}_6 \cdot 6\text{H}_2\text{O}$
MOLECULAR WEIGHT: 291.03

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Red, Very Dark Red to Red-Brown Crystals or Solid		
Calcium (Ca)	0 %	0.005 %	0.005 %
Chloride(Cl)	0 %	0.002 %	0.002 %
Copper(Cu)	0 %	0.002 %	0.002 %
Insoluble matter	0 %	0.01 %	0.01 %
Iron(Fe)	0 %	0.001 %	0.001 %
Lead(Pb)	0 %	0.002 %	0.002 %
Magnesium(Mg)	0 %	0.005 %	0.005 %
Nickel(Ni)	0 %	0.15 %	0.15 %
Potassium(K)	0 %	0.01 %	0.01 %
Purity Titration by EDTA	98 %	102 %	102 %
Sodium(Na)	0 %	0.05 %	0.05 %
Sulfate(SO ₄)	0 %	0.005 %	0.005 %
X-Ray Diffraction	Conforms to Structure		
Zinc(Zn)	0 %	0.01 %	0.01 %