

PRODUCT IDENTITY

PRODUCT NAME	Cobalt chloride hexahydrate	PRODUCT NUMBER	C116459
Grades & Purity	ACS, ≥98%	VERSION	3
CAS NUMBER	7791-13-1	FORMULA	CoCl ₂ · 6H ₂ O
FORMULA WEIGHT	237.93g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Sulfate(SO ₄ ²⁻)	0-0.01 (%)
Insoluble matter: (10% in H ₂ O)	0-0.01 (%)
Iron(Fe)	0-0.005 (%)
Sodium(Na)	0-0.05 (%)
Nickel(Ni)	0-0.1 (%)
Copper(Cu)	0-0.002 (%)
Potassium(K)	0-0.01 (%)
Calcium(Ca)	0-0.005 (%)
Zinc(Zn)	0-0.03 (%)
Assay(Complexometric EDTA)	97.5-102.5 (%)

PARAMETER	SPECIFICATION / LIMIT
Magnesium(Mg)	0-0.005 (%)
(NO3)Nitrate	0-0.01 (%)
Appearance (C116459)	Red to purple Powder or Solid or Crystals
X-Ray Diffraction	Conforms to Structure