



Technical Data Sheet

Product Name:	Cobalt Acetate Tetrahydrate
Appearance:	Red Crystalline Powder
Solubility:	Soluble in water, ethanol, insoluble in acetone, benzene
Molecular Formula:	C ₄ H ₆ O ₄ Co·4H ₂ O
Odor:	Vinegar-like odor
Molecular Weight:	249.08
Specific Gravity:	1.71
Melting Point:	140°C
Boiling Point:	298°C
CAS No.:	6147-53-1
EINECS No.:	200-755-8
H.S.Code:	2915299090

Grade	Tech	Tech Pure Grade
Assay	≥98%	99.0 ~ 101.0%
Insoluble matter	≤0.05%	≤0.02%
Sulfate (SO ₄)	≤100ppm	≤100ppm
Chloride (Cl)	≤50ppm	≤20ppm
Nitrate (NO ₃)	/	≤500ppm
Iron (Fe)	≤10ppm	≤10ppm
Copper (Cu)	≤50ppm	≤10ppm
Nickel (Ni)	/	≤800ppm
Mercury (Hg)	/	≤0.5ppm
Chromium (Cr)	/	≤50ppm
Cadmium (Cd)	/	≤0.5ppm
Lead (Pb)	/	≤50ppm
Alkali & Alkaline earths metals	/	≤0.3%

Packing: 25kgs/bag or Drum.

Storage: To be stored in cool, dry and ventilated place.

Uses: Cobalt acetate can be used as Polyester catalyst fluoride, desiccating agent, printing and dyeing mordant dyeing agent, GFRP curing accelerant and invisible ink, etc.