

Cobalt Sulfate Heptahydrate Reagent Grade ACS
Synonym: Cobaltous Sulfate; Cobalt (II) Sulfate Heptahydrate

Typical Parameters:

Molecular Formula	CoSO ₄ ·7H ₂ O
Molecular Weight	281.1
CAS Number	10026-24-1
Density	2.03 gm/cm ³
Melting Range	74° C
Solubility in water	36.2 g/100 ml at 20° C



Quality Specifications:

Physical State and Appearance	Pink Crystalline Powder
Assay:	99.0% Min.
pH of 5% Solution	3.0 to 5.0
Trace Metal Impurities	Limits (Max)
<i>Chloride</i>	10.0 ppm
<i>Calcium</i>	50.0 ppm
<i>Copper</i>	10.0 ppm
<i>Iron</i>	20.0 ppm
<i>Lead</i>	10.0 ppm
<i>Nitrogen Compounds</i>	20.0 ppm
<i>Manganese</i>	10.0 ppm
<i>Nickel</i>	100.0 ppm
<i>Sodium</i>	100.0 ppm
<i>Water Insoluble Matter</i>	30.0 ppm
<i>Zinc</i>	50.0 ppm



Availability: 25 Kg in fiber drums

Freight Classification: Not regulated

Storage Keep in a tightly closed container. Store in a cool, dry, ventilated area.

⁽¹⁾**Disposal:** Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-Nugen or email: nicg@nugentec.com.