

## Substances involved in the synthesis of hexaamminecobalt(III) chloride

Usual name	IUPAC name
Acetic acid (dilute solution)	Ethanoic acid (dilute solution)
Acetone	2-Propanone
Activated charcoal	Activated charcoal
Ammonia (aqueous solution)	Ammonia (aqueous solution)
Ammonia (concentrated solution)	Ammonia (concentrated solution)
Ammonium acetate	Ammonium ethanoate
Ammonium chloride	Ammonium chloride
Cobalt(II) acetate tetrahydrate	Cobalt(II) ethanoate tetrahydrate
Cobalt(II) chloride hexahydrate	Cobalt(II) chloride hexahydrate
Ethanol	Ethanol
Ethyl ether	Ethoxyethane
Hexaamminecobalt(III) chloride	Hexaamminecobalt(III) chloride
Hydrochloric acid	Hydrochloric acid
Hydrochloric acid (dilute solution)	Hydrochloric acid (dilute solution)
Hydrogen peroxide	Hydrogen peroxide
Hydrogen peroxide (dilute solution)	Hydrogen peroxide (dilute solution)
Methanol	Methanol
Oxygen	Oxygen
Water	Water