

Colour of Gases	
Gas	Colour
F_2	Pale yellow
Cl_2	Yellowish green
NO_2	Reddish brown
O_3	Pale blue
(Others not stated)	Colourless

Flame Test	
Metal	Colour of Flame
K	Lilac
Na	Golden yellow
Ca	Brick red
Mg	Bright white light
Li	Red
Sr	Red
Ba	Green
Cu	Green
(Others not stated)	Colourless

Colour of Ions(aq) (except complex ions)	
Ion	Colour
Cu^{2+}	Blue
Ni^{2+}	Green
Cr^{3+}	Green
Fe^{2+}	Pale green
Fe^{3+}	Yellowish brown
Co^{2+}	Pink
CrO_4^{2-}	Yellow
$Cr_2O_7^{2-}$	Orange
MnO_4^-	Purple
Mn^{2+}	Very pale pink
I_3^-	Yellowish brown
(Others not stated)	Colourless