

Table 25.4 The solubilities of some common salts

1	All K^{1+} , Na^{1+} , NH_4^{1+} salts are soluble.
2	All NO_3^{1-} salts are soluble.
3	All Cl^{1-} , Br^{1-} , I^{1-} salts are soluble, except Ag^{1+} and Pb^{2+} salts of these ions.
4	All SO_4^{2-} salts are soluble, except Ba^{2+} , Pb^{2+} , Ca^{2+} and Ag^{1+} salts of these ions.
5	All CO_3^{2-} salts are insoluble, except Na^{1+} , K^{1+} and NH_4^{1+} salts of this ion.
6	All OH^- compounds are insoluble, except Na^{1+} , K^{1+} , Ba^{2+} and NH_4^{1+} compounds of this ion.
7	All S^{2-} salts are insoluble, except Na^{1+} , K^{1+} and NH_4^{1+} salts of this ion.
8	a $CaSO_4$ and $Ca(OH)_2$ are slightly soluble.
	b $PbCl_2$ and PbI_2 are slightly soluble.
	c NH_4OH exists only as solution of NH_3 in water.

Table 25.4 The solubilities of some common salts

1	All K^{1+} , Na^{1+} , NH_4^{1+} salts are soluble.
2	All NO_3^{1-} salts are soluble.
3	All Cl^{1-} , Br^{1-} , I^{1-} salts are soluble, except Ag^{1+} and Pb^{2+} salts of these ions.
4	All SO_4^{2-} salts are soluble, except Ba^{2+} , Pb^{2+} , Ca^{2+} and Ag^{1+} salts of these ions.
5	All CO_3^{2-} salts are insoluble, except Na^{1+} , K^{1+} and NH_4^{1+} salts of this ion.
6	All OH^- compounds are insoluble, except Na^{1+} , K^{1+} , Ba^{2+} and NH_4^{1+} compounds of this ion.
7	All S^{2-} salts are insoluble, except Na^{1+} , K^{1+} and NH_4^{1+} salts of this ion.
8	a $CaSO_4$ and $Ca(OH)_2$ are slightly soluble.
	b $PbCl_2$ and PbI_2 are slightly soluble.
	c NH_4OH exists only as solution of NH_3 in water.

Table 25.4 The solubilities of some common salts

1	All K^{1+} , Na^{1+} , NH_4^{1+} salts are soluble.
2	All NO_3^{1-} salts are soluble.
3	All Cl^{1-} , Br^{1-} , I^{1-} salts are soluble, except Ag^{1+} and Pb^{2+} salts of these ions.
4	All SO_4^{2-} salts are soluble, except Ba^{2+} , Pb^{2+} , Ca^{2+} and Ag^{1+} salts of these ions.
5	All CO_3^{2-} salts are insoluble, except Na^{1+} , K^{1+} and NH_4^{1+} salts of this ion.
6	All OH^- compounds are insoluble, except Na^{1+} , K^{1+} , Ba^{2+} and NH_4^{1+} compounds of this ion.
7	All S^{2-} salts are insoluble, except Na^{1+} , K^{1+} and NH_4^{1+} salts of this ion.
8	a $CaSO_4$ and $Ca(OH)_2$ are slightly soluble.
	b $PbCl_2$ and PbI_2 are slightly soluble.
	c NH_4OH exists only as solution of NH_3 in water.