

### SOLUBILITY TABLE

	acetate ion	bromide ion	carbonate ion	chloride ion	fluoride ion	hydroxide ion	iodide ion	nitrate ion	oxide ion	phosphate ion	sulfate ion	sulfite ion	sulfide ion
Aluminium ion	S	S	d	S	S	I	S	S	I	I	S	—	d
Ammonium ion	S	S	d	S	S	d	S	S	—	S	S	S	S
Barium ion	S	S	I	S	I	ss	S	S	S	I	I	I	d
Cadmium (II) ion	S	S	I	S	ss	I	S	S	I	I	S	I	I
Calcium ion	S	S	I	S	I	ss	S	S	I	I	ss	I	d
Cobalt (II) ion	S	S	I	S	S	I	S	S	I	I	S	I	I
Copper (II) ion	S	S	I	S	ss	I	d	S	I	I	S	—	I
Iron (II) ion	S	S	I	S	ss	I	S	S	I	I	S	ss	I
Iron (III) ion	I	S	—	S	ss	I	—	S	I	I	ss	—	I
Lead (II) ion	S	ss	I	I	I	I	I	S	I	I	I	I	I
Magnesium ion	S	S	I	S	I	I	S	S	I	I	S	ss	d
Manganese (II) ion	S	S	I	S	I	I	S	S	I	ss	S	I	I
Mercury (II) ion	S	I	I	ss	d	I	I	S	I	I	d	—	I
Nickel (II) ion	S	S	I	S	I	I	S	S	I	I	S	I	I
Potassium ion	S	S	S	S	S	S	S	S	S	S	S	S	S
Silver (I) ion	ss	I	I	I	S	d	I	S	I	I	ss	I	I
Sodium ion	S	S	S	S	S	S	S	S	S	S	S	S	S
Tin (II) ion	d	S	I	S	S	I	ss	d	I	I	S	—	I
Zinc (II) ion	S	S	I	S	ss	I	S	S	I	I	S	I	I

S: soluble

ss: slightly soluble (<1g/100mL H<sub>2</sub>O)

I: insoluble

d: decomposes

—: non-existent