

COMMON IONS AND THEIR CHARGES

CATIONS

aluminum	Al^{+3}
ammonium	NH_4^{+1}
barium	Ba^{+2}
calcium	Ca^{+2}
chromium (II)	Cr^{+2}
chromium (III)	Cr^{+3}
cobalt (II)	Co^{+2}
cobalt (III)	Co^{+3}
copper (I)	Cu^{+1}
copper (II)	Cu^{+2}
hydrogen	H^{+1}
hydronium	H_3O^{+1}
iron (II)	Fe^{+2}
iron (III)	Fe^{+3}
lead (II)	Pb^{+2}
lead (IV)	Pb^{+4}
magnesium	Mg^{+2}
manganese (II)	Mn^{+2}
manganese (IV)	Mn^{+4}
mercury (I)	Hg_2^{+2}
mercury (II)	Hg^{+2}
nickel (II)	Ni^{+2}
nickel(III)	Ni^{+3}
potassium	K^{+1}
silver	Ag^{+1}
sodium	Na^{+1}
tin (II)	Sn^{+2}
tin (IV)	Sn^{+4}
zinc	Zn^{+2}

hydrogen sulfate	HSO_4^{-1}
hydroxide	OH^{-1}
hypochlorite	ClO^{-1}
iodide	I^{-1}
nitrate	NO_3^{-1}
nitride	N^{-3}
nitrite	NO_2^{-1}
oxide	O^{-2}
perchlorate	ClO_4^{-1}
permanganate	MnO_4^{-1}
peroxide	O_2^{-2}
phosphate	PO_4^{-3}
sulfate	SO_4^{-2}
sulfide	S^{-2}
sulfite	SO_3^{-2}

MISCELLANEOUS

cerium (III)	Ce^{+3}
cesium	Cs^{+1}
silicon (IV)	Si^{+4}
carbide	C^{-4}
iodate	IO_3^{-1}
oxalate	$\text{C}_2\text{O}_4^{-2}$
phosphide	P^{-3}
silicate	SiO_4^{-4}
thiocyanate	SCN^{-1}
thiosulfate	$\text{S}_2\text{O}_3^{-2}$
Hexacyanoferrate (II)	$\text{Fe}(\text{CN})_6^{-4}$
Hexacyanoferrate (III)	$\text{Fe}(\text{CN})_6^{-3}$

ANIONS

acetate	$\text{C}_2\text{H}_3\text{O}_2^{-1}$ or $\text{CH}_3\text{COO}^{-1}$
borate	BO_3^{-3}
bromide	Br^{-1}
carbonate	CO_3^{-2}
chlorate	ClO_3^{-1}
chloride	Cl^{-1}
chlorite	ClO_2^{-1}
chromate	CrO_4^{-2}
cyanide	CN^{-1}
dichromate	$\text{Cr}_2\text{O}_7^{-2}$
fluoride	F^{-1}
hydride	H^{-1}
hydrogen carbonate	HCO_3^{-1}