TABLE A-7 COMMON IONS

Cation	Symbol	Anion	Symbol
aluminum	Al^{3+}	**acetate**	CH_3COO^-
ammonium	NH_4^+	**bromide**	Br^-
arsenic(III)	As^{3+}	**carbonate**	CO_3^{2-}
barium	Ba^{2+}	**chlorate**	ClO_3^-
calcium	Ca^{2+}	**chloride**	Cl^-
chromium(II)	Cr^{2+}	**chlorite**	ClO_2^-
chromium(III)	Cr^{3+}	**chromate**	CrO_4^{2-}
cobalt(II)	Co^{2+}	**cyanide**	CN^-
cobalt(III)	Co^{3+}	**dichromate**	$Cr_2O_7^{2-}$
copper(I)	Cu^+	**fluoride**	F^-
copper(II)	Cu^{2+}	**hexacyanoferrate(II)**	$Fe(CN)_6^{4-}$
hydronium	H_3O^+	**hexacyanoferrate(III)**	$Fe(CN)_6^{3-}$
iron(II)	Fe^{2+}	**hydride**	H^-
iron(III)	Fe^{3+}	**hydrogen carbonate**	HCO_3^-
lead(II)	Pb^{2+}	**hydrogen sulfate**	HSO_4^-
magnesium	Mg^{2+}	**hydroxide**	OH^-
mercury(I)	Hg_2^{2+}	**hypochlorite**	ClO^-
mercury(II)	Hg^{2+}	**iodide**	I^-
nickel(II)	Ni^{2+}	**nitrate**	NO_3^-
potassium	K^+	**nitrite**	NO_2^-
silver	Ag^+	**oxide**	O^{2-}
sodium	Na^+	**perchlorate**	ClO_4^-
strontium	Sr^{2+}	**permanganate**	MnO_4^-
tin(II)	Sn^{2+}	**peroxide**	O_2^{2-}
tin(IV)	Sn^{4+}	**phosphate**	PO_4^{3-}
titanium(III)	Ti^{3+}	**sulfate**	SO_4^{2-}
titanium(IV)	Ti^{4+}	**sulfide**	S^{2-}
zinc	Zn^{2+}	**sulfite**	SO_3^{2-}