

CHEM 1020 Ions To Memorize

Common Polyatomic Ions

acetate	$\text{C}_2\text{H}_3\text{O}_2^-$
ammonium	NH_4^+
bicarbonate	HCO_3^-
carbonate	CO_3^{2-}
chlorate	ClO_3^-
cyanide	CN^-
hydroxide	OH^-
nitrate	NO_3^-
phosphate	PO_4^{3-}
sulfate	SO_4^{2-}

Common Metal Ions

aluminum	Al^{3+}
silver	Ag^+
zinc	Zn^{2+}

Note: Charges for other metal ions may be determined based on their position in the Periodic Table (Groups IA, IIA) or by designating the charge with a Roman numeral (for the remaining transition elements, as well as lead and tin).