

## CHEM 1020 Ions To Memorize

### Common Polyatomic Ions

Acetate	$\text{C}_2\text{H}_3\text{O}_2^-$
Ammonium	$\text{NH}_4^+$
Bicarbonate	$\text{HCO}_3^-$
Carbonate	$\text{CO}_3^{2-}$
Chlorate	$\text{ClO}_3^-$
Hydroxide	$\text{OH}^-$
Nitrate	$\text{NO}_3^-$
Phosphate	$\text{PO}_4^{3-}$
Sulfate	$\text{SO}_4^{2-}$

### Common Metal Ions

Cadmium	$\text{Cd}^{2+}$
Silver	$\text{Ag}^+$
Zinc	$\text{Zn}^{2+}$

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