

University of Wyoming - Chemistry 1000

Table of Common Polyatomic Ions

Formula	Name	KNOW!!
H_3O^+	hydronium ion	✓
NH_4^+	ammonium ion	✓
CH_3COO^-	acetate ion	✓
CO_3^{2-}	carbonate ion	✓
HCO_3^-	bicarbonate ion	
ClO^-	hypochlorite ion	✓
ClO_2^-	chlorite ion	✓
ClO_3^-	chlorate ion	✓
ClO_4^-	perchlorate ion	✓
CrO_4^{2-}	chromate ion	
$\text{Cr}_2\text{O}_7^{2-}$	dichromate ion	
OCN^-	cyanate ion	
SCN^-	thiocyanate ion	
CN^-	cyanide ion	✓
OH^-	hydroxide ion	✓
NO_2^-	nitrite ion	✓
NO_3^-	nitrate ion	✓
MnO_4^-	permanganate ion	
PO_4^{3-}	phosphate ion	✓
SO_3^{2-}	sulfite ion	✓
SO_4^{2-}	sulfate ion	✓
$\text{S}_2\text{O}_3^{2-}$	thiosulfate ion	