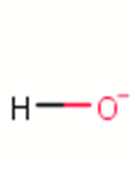
B Nogle vigtige ioners formler og navne

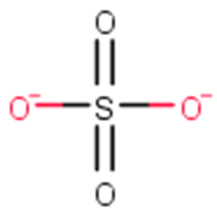
POSITIVE IONER			NEGATIVE IONER	
	Navn med angivelse af ladning	Navn med angivelse af oxidationstal		
Na^+	natrium(1+)	natriumion	F^-	fluorid
K^+	kalium(1+)	kaliumion	Cl^-	chlorid
Mg^{2+}	magnesium(2+)	magnesiumion	Br^-	bromid
Ca^{2+}	calcium(2+)	calciumion	I^-	iodid
Ba^{2+}	barium(2+)	bariumion	ClO^-	hypochlorit
Al^{3+}	aluminium(3+)	aluminiumion	ClO_2^-	chlorit
Sn^{2+}	tin(2+)	tin(II)ion	ClO_3^-	chlorat
Sn^{4+}	tin(4+)	tin(IV)ion	ClO_4^-	perchlorat
Pb^{2+}	bly(2+)	bly(II)ion	BrO_3^-	bromat
Cu^+	kobber(1+)	kobber(I)ion	IO_3^-	iodat
Cu^{2+}	kobber(2+)	kobber(II)ion	MnO_4^{2-}	manganat
Ag^+	sølv(1+)	sølv(I)ion	MnO_4^-	permanganat
Au^+	guld(1+)	guld(I)ion	O^{2-}	oxid
Au^{3+}	guld(3+)	guld(III)ion	OH^-	hydroxid
Zn^{2+}	zink(2+)	zinkion	O_2^{2-}	peroxid
Cr^{3+}	chrom(3+)	chrom(III)ion	S^{2-}	sulfid
Mn^{2+}	mangan(2+)	mangan(II)ion	HS^-	hydrogensulfid
Fe^{2+}	jern(2+)	jern(II)ion	SO_3^{2-}	sulfit
Fe^{3+}	jern(3+)	jern(III)ion	HSO_3^-	hydrogensulfit
Co^{2+}	cobalt(2+)	cobalt(II)ion	SO_4^{2-}	sulfat
Ni^{2+}	nikkel(2+)	nikkel(II)ion	HSO_4^-	hydrogensulfat
NH_4^+	ammonium	ammonium	$S_2O_3^{2-}$	thiosulfat
H^+	hydron	hydron	$S_4O_6^{2-}$	tetrathionat
H_3O^+	oxonium	oxonium	$S_2O_8^{2-}$	persulfat
			CrO_4^{2-}	chromat
			$Cr_2O_7^{2-}$	dichromat
			N^{3-}	nitrid
			NO_2^-	nitrit
			NO_3^-	nitrat
			P^{3-}	phosphid
			PO_4^{3-}	phosphat
			HPO_4^{2-}	hydrogenphosphat
			$H_2PO_4^-$	dihydrogenphosphat
			CO_3^{2-}	carbonat
			HCO_3^-	hydrogencarbonat
			CN^-	cyanid
			SCN^-	thiocyanat
			CH_3COO^-	ethanoat eller acetat

Otte fleratomige ioner vist med stregformler - uden ledige elektronpar.

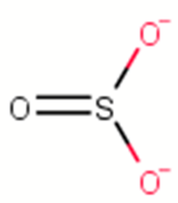
Farverne markerer hvor man finder ladningerne.
(Læg mærke til, at nitrat er speciel her, men noter at den samlede ladning for ionen er -1)



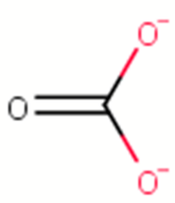
hydroxid
OH^-



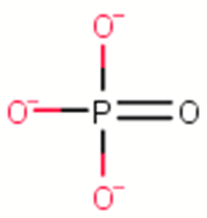
sulfat
SO_4^{2-}



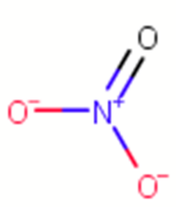
sulfit
SO_3^{2-}



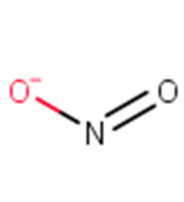
carbonat
CO_3^{2-}



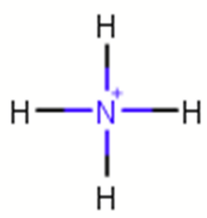
phosphat
PO_4^{3-}



nitrat
NO_3^-



nitrit
NO_2^-



ammonium
NH_4^+