

acetate	CH_3COO^-	TABLE OF POLYATOMIC IONS		oxalate	$\text{C}_2\text{O}_4^{2-}$
arsenate	AsO_4^{3-}	dihydrogen phosphate	H_2PO_4^-	perchlorate	ClO_4^-
arsenite	AsO_3^{3-}	hydrogen carbonate	HCO_3^-	periodate	IO_4^-
benzoate	$\text{C}_6\text{H}_5\text{COO}^-$	hydrogen oxalate	HC_2O_4^-	permanganate	MnO_4^-
borate	BO_3^{3-}	hydrogen sulfate	HSO_4^-	peroxide	O_2^{2-}
bromate	BrO_3^-	hydrogen sulfide	HS^-	phosphate	PO_4^{3-}
carbonate	CO_3^{2-}	hydrogen sulfite	HSO_3^-	pyrophosphate	$\text{P}_2\text{O}_7^{4-}$
chlorate	ClO_3^-	hydroxide	OH^-	sulfate	SO_4^{2-}
chlorite	ClO_2^-	hypochlorite	ClO^-	sulfite	SO_3^{2-}
chromate	CrO_4^{2-}	iodate	IO_3^-	thiocyanate	SCN^-
cyanate	CNO^-	monohydrogen phosphate	HPO_4^{2-}	thiosulfate	$\text{S}_2\text{O}_3^{2-}$
cyanide	CN^-	nitrate	NO_3^-	POSITIVE POLYATOMIC IONS	
dichromate	$\text{Cr}_2\text{O}_7^{2-}$	nitrite	NO_2^-	ammonium	NH_4^+
		orthosilicate	SiO_4^{4-}	hydronium	H_3O^+

PERIODIC TABLE

KEY	
atomic number → 26	ion charge Fe^{3+}
	ion name (IUPAC) iron (III)
symbol → Fe	ion name (IUPAC) iron (II)

1 H^+ hydrogen	2 He helium																
3 Li^+ lithium	4 Be^{2+} beryllium																
11 Na^+ sodium	12 Mg^{2+} magnesium																
13 B boron	14 C carbon	15 N^{3-} nitride	16 O^{2-} oxide	17 F^- fluoride	18 Ne neon												
19 K^+ potassium	20 Ca^{2+} calcium	21 Sc^{3+} scandium	22 Ti^{4+} titanium (IV)	23 V^{3+} vanadium (III)	24 Cr^{3+} chromium (III)	25 Mn^{2+} manganese (II)	26 Fe^{3+} iron (III)	27 Co^{2+} cobalt (II)	28 Ni^{2+} nickel (II)	29 Cu^{2+} copper (II)	30 Zn^{2+} zinc	31 Ga^{3+} gallium	32 Ge^{4+} germanium	33 As^{3-} arsenide	34 Se^{2-} selenide	35 Br^- bromide	36 Kr krypton
37 Rb^+ rubidium	38 Sr^{2+} strontium	39 Y^{3+} yttrium	40 Zr^{4+} zirconium	41 Nb^{5+} niobium (V)	42 Mo^{6+} molybdenum	43 Tc^{7+} technetium	44 Ru^{3+} ruthenium (III)	45 Rh^{3+} rhodium	46 Pd^{2+} palladium (II)	47 Ag^+ silver	48 Cd^{2+} cadmium	49 In^{3+} indium	50 Sn^{4+} tin (IV)	51 Sb^{3+} antimony (III)	52 Te^{2-} telluride	53 I^- iodide	54 Xe xenon
55 Cs^+ cesium	56 Ba^{2+} barium	57 La^{3+} lanthanum	72 Hf^{4+} hafnium	73 Ta^{5+} tantalum	74 W^{6+} tungsten	75 Re^{7+} rhenium	76 Os^{4+} osmium	77 Ir^{4+} iridium	78 Pt^{4+} platinum (IV)	79 Au^{3+} gold (III)	80 Hg^{2+} mercury (II)	81 Tl^+ thallium (I)	82 Pb^{2+} lead (II)	83 Bi^{3+} bismuth (III)	84 Po^{2+} polonium (II)	85 At^- astatide	86 Rn radon
87 Fr^+ francium	88 Ra^{2+} radium	89 Ac^{3+} actinium															
58 Ce^{3+} cerium	59 Pr^{3+} praseodymium	60 Nd^{3+} neodymium	61 Pm^{3+} promethium	62 Sm^{3+} samarium (III)	63 Eu^{3+} europium (III)	64 Gd^{3+} gadolinium	65 Tb^{3+} terbium	66 Dy^{3+} dysprosium	67 Ho^{3+} holmium	68 Er^{3+} erbium	69 Tm^{3+} thulium	70 Yb^{3+} ytterbium (III)	71 Lu^{3+} lutetium				
90 Th^{4+} thorium	91 Pa^{5+} protactinium (V)	92 U^{6+} uranium (VI)	93 Np^{5+} neptunium	94 Pu^{4+} plutonium (IV)	95 Am^{3+} americium (III)	96 Cm^{3+} curium	97 Bk^{3+} berkelium (III)	98 Cf^{3+} californium	99 Es^{3+} einsteinium	100 Fm^{3+} fermium	101 Md^{2+} mendelevium (II)	102 No^{2+} nobelium (II)	103 Lr^{3+} lawrencium				