[illegible]

[illegible]

	O^{2-}	CO_3^{2-}	OH^-	SO_4^{2-}	PO_4^{3-}	NO_3^-
Na^+	[illegible] **Na_2O** Sodium oxide (Soda lime)	Na_2CO_3 Sodium carbonate	$NaOH$ Sodium hydroxide	Na_2SO_4 Sodium sulphate	Na_3PO_4 Sodium phosphate	$NaNO_3$ Sodium nitrate
NH_4^+	$(NH_4)_2O$ Ammonium oxide	$(NH_4)_2CO_3$ Ammonium carbonate	NH_4OH Ammonium hydroxide	$(NH_4)_2SO_4$ Ammonium sulphate	$(NH_4)_3PO_4$ Ammonium phosphate	NH_4NO_3 Ammonium nitrate
K^+	K_2O Potassium oxide	K_2CO_3 Potassium carbonate	KOH Potassium hydroxide	K_2SO_4 Potassium sulphate	K_3PO_4 Potassium phosphate	KNO_3 Potassium nitrate
Ca^{2+}	CaO Calcium oxide	$CaCO_3$ Calcium carbonate	$Ca(OH)_2$ Calcium hydroxide	$CaSO_4$ Calcium sulphate	Ca_3PO_4 Calcium phosphate	$Ca(NO_3)_2$ Calcium nitrate
Mg^{2+}	MgO Magnesium oxide	$MgCO_3$ Magnesium carbonate	$Mg(OH)_2$ Magnesium hydroxide	$MgSO_4$ Magnesium sulphate	$Mg_3(PO_4)_2$ Magnesium phosphate	$Mg(NO_3)_2$ Magnesium nitrate
Zn^{2+}	ZnO Zinc oxide	$ZnCO_3$ Zinc carbonate	$Zn(OH)_2$ Zinc hydroxide	$ZnSO_4$ Zinc sulphate	$Zn_3(PO_4)_2$ Zinc phosphate	$Zn(NO_3)_2$ Zinc nitrate
Fe^{2+}	FeO Iron (II) oxide	$FeCO_3$ Iron (II) carbonate	$Fe(OH)_2$ Iron (II) hydroxide	$FeSO_4$ Iron (II) sulphate	$Fe_3(PO_4)_2$ Iron (II) phosphate	$Fe(NO_3)_2$ Iron (II) nitrate
Al^{3+}	Al_2O_3 Aluminium oxide	$Al_2(CO_3)_3$ Aluminium carbonate	$Al(OH)_3$ Aluminium hydroxide	$Al_2(SO_4)_3$ Aluminium sulphate	$AlPO_4$ Aluminium phosphate	$Al(NO_3)_3$ Aluminium nitrate
Co^{2+}	CoO Cobalt (II) oxide	$Co_2(CO_3)_3$ Cobalt (III) carbonate	$Co(OH)_2$ Cobalt (II) hydroxide	$Co_2(SO_4)_3$ Cobalt (III) sulphate	$Co_3(PO_4)_2$ Cobalt (II) phosphate	$Co(NO_3)_2$ Cobalt nitrate
Fe^{3+}	Fe_2O_3 Iron (III) oxide	$Fe_2(CO_3)_3$ Iron (III) carbonate	$Fe(OH)_3$ Iron (III) hydroxide	$Fe_2(SO_4)_3$ Iron (III) sulphate	$FePO_4$ Iron (III) phosphate	$Fe(NO_3)_3$ Iron (III) nitrate
H^+	H_2O Hydrogen oxide	H_2CO_3 Hydrogen carbonate	H_2O (water) or H_2O_2 (Water)	H_2SO_4 Hydrogen sulphate	H_3PO_4 Hydrogen phosphate	HNO_3 Hydrogen nitrate