



pKa	Chemical Formula	Name
-10	HClO ₄	Perchloric acid
-7	HCl	Hydrochloric acid
-3.0	H ₂ SO ₄	Sulfuric acid
-1.74	H ₃ O ⁺	Hydronium
-1.37	HNO ₃	Nitric acid
+1.96	HSO ₄ ⁻	Bisulfate ion
+1.90	H ₂ SO ₃	Sulfurous acid
+2.16	H ₃ PO ₄	Phosphoric acid
+2.46	[Fe(H ₂ O) ₆] ³⁺	—
+3.18	HF	Hydrofluoric acid
+4.75	CH ₃ COOH	Acetic acid
+4.97	[Al(H ₂ O) ₆] ³⁺	—
+6.35	H ₂ CO ₃	Carbonic acid
+6.74	[Fe(H ₂ O) ₆] ²⁺	—
+6.99	H ₂ S	Dihydrogen sulfide
+7.20	HSO ₃ ⁻	Sulfurous acid
+7.21	H ₂ PO ₄ ⁻	Dihydrogen phosphate
+8.96	[Zn(H ₂ O) ₆] ²⁺	—
+9.21	HCN	Hydrogen cyanide
+9.25	NH ₄ ⁺	Ammonium
+10.33	HCO ₃ ⁻	Bicarbonate
+11.65	H ₂ O ₂	Hydrogen peroxide
+12.32	HPO ₄ ²⁻	Hydrogen phosphate
+12.89	HS ⁻	Hydrogen sulfide
+15.5	CH ₃ -OH	Methanol
+15.74	H ₂ O	Dihydrogen monoxide
15.9	Ethanol	
+17.1		Isopropanol
+18		tert-Butanol
+18		Cyclohexanol
+16 – +18		Aldehyde
+19 – +21		Ketone
+29	OH ⁻	Hydroxide
~+35		Amines

References:

Riedel/Janiak, 2007, Anorganische Chemie, 7. Auflage, De Gruyter.

P. Vollhardt, N. Schore, 2009, Organic Chemistry, 6th Edition, Freeman