The pH scale measures the logarithmic concentration of Hydrogen $\left(\mathrm{H}_{+}\right)$and Hydroxide ( $\mathrm{OH}-$ ) lons, which make up water. The pH ranges from 0 to 14 , where 7 is considered to be neutral (equal amounts of Hydrogen and Hydroxide ions), more then 7 - Alkaline (more Hydroxide ions) and less then 7 - Acidic (more Hydrogen ions).

