

Test	Acids	Bases
litmus paper	turn blue litmus red	turn red litmus blue
pH paper	pH less than 7	pH greater than 7
electrical conductivity in solution	conduct electric current (electrolyte)	conduct electric current (electrolyte)
reaction with active metals, such as Mg(s) and Zn(s)	react to produce H <sub>2</sub> (g)	do not react with active metals to produce H <sub>2</sub> (g)
taste <b>Caution:</b> Never taste anything in the lab.	taste sour	taste bitter
feel <b>Caution:</b> Never deliberately touch chemicals. Many acids and bases can burn your skin.	have no characteristic feel	feel slippery