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pH: Acids & Bases

Red litmus paper turns blue under alkaline (basic) conditions.

Blue litmus paper turns red under acidic conditions.

No change in either paper = neutral pH

or ≈ 7.0 on a scale of 0-14
(neutral) acidic alkaline

pH Quick Lab | Data Table

<u>Sample</u>	<u>Prediction:</u> <u>Acidic or Basic?</u> <u>or Neutral</u>	<u>Test Result</u> <u>Acidic, Basic</u> <u>or Neutral</u>
1) Tap Water	any okay	neutral
2) Bleach	↓	basic
3) Vinegar	↓	acidic
4) Toothpaste	↓	slightly basic
5) Alka Seltzer in Water	↓	basic
6) Milk	↓	\approx neutral
7) Orange Juice	↓	acidic