

## Qualitative Testing for chemical changes:

- 1) Because fuels burn explosively in pure oxygen you can use a glowing splint to test for the presence of Oxygen gas ( $O_2$ ). *re ignites*
- 2) Hydrogen gas burns explosively when heated with Oxygen in air. Using the burning splint you can test for the presence of hydrogen.
- 3) To test for Carbon Dioxide you can see in a glowing splint will be snuffed, or you could use lime water and see if it turns a cloudy white. *CO<sub>2</sub>*
- 4) You can test for the presence of water using a piece of blue cobalt chloride paper. It will turn pink in water showing that a hydrate is formed.

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