

• Ammonium sulfate and blue litmus paper

Try 1: ✓ purple
Correct Answer: ✓ purple

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7. BRIEFLY, explain why can you use litmus paper to distinguish between H_2SO_4 and $(\text{NH}_4)_2\text{SO}_4$?

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For both ammonium sulfate and sulfuric acid they had different colors when placed on blue litmus paper

[Edit Answer](#)

[Strong acid made blue paper pink. Strong base made pink paper blue while weak acid/base (pH around 7) made pink paper purple.]

• Sodium bromide and blue litmus paper

Try 1: ✓ blue
Correct Answer: ✓ blue

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• Blue litmus + strong acid THEN sodium hydroxide

Try 1: ✗ purple
Try 2: ✓ blue
Correct Answer: ✓ blue

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Page 3 of 3