ENGLAND GCSE CHEMISTRY OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 5 · 5 QUESTIONS

Chemical Analysis — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1 **A river provides drinking water. Why must the water be treated before drinking?**

- A to heat it up for use
- B to make it taste better for drinking
- C to remove harmful substances
- D to add minerals for health

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2 **A sample containing potassium is put in a flame. What colour is the flame?**

A orange-red flame

B lilac

C bright yellow

D crimson red

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3 **A castle wall is made of stone. What type of rock is limestone?**

A igneous

B volcanic

C metamorphic

D sedimentary

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4 **What happens to the white precipitate of aluminium hydroxide in excess sodium hydroxide?**

- A it dissolves
- B it forms more precipitate
- C it turns blue at once
- D it turns brown at once

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5 **How can you test for hydrogen gas?**

- A a lighted splint pops
- B limewater turns cloudy
- C a glowing splint relights
- D a damp litmus paper

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ANSWER KEY

1. C
2. B
3. D
4. A
5. A

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