ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 11 · 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 is polluted by fertiliser. What grows too fast in the water?**

- A trees
- B fish
- C algae
- D reeds

Understand It with Pulse | Flag a mistake

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

- A orange-red flame
- B crimson
- C pale lilac
- D bright yellow

Understand It with Pulse | Flag a mistake

3 **Lemons contain citric acid. What is the pH of lemon juice likely to be?**

A 2

B 7

C 12

D 14

Understand It with Pulse | Flag a mistake

4 **What does mass spectrometry measure?**

A the masses of particles

B the volume of a gas

C the temperature of a sample

D the colours of a flame

Understand It with Pulse | Flag a mistake

5 **How can salt be separated from salt water?**

A evaporation

B filtration through paper

C decanting

D sieving

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.