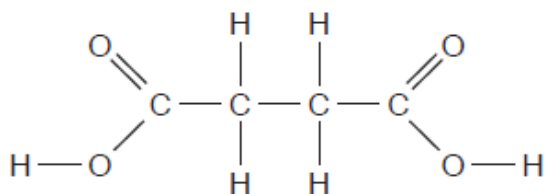


GCSE Chemistry A (Gateway Science)

J248/01 Chemistry A C1-C3 and C7 (Foundation Tier)

Question Set 15

1 Look at the diagram. It shows the displayed formula of succinic acid.



(a) Complete the table to show the number of atoms of each element in this displayed formula.

Element	Number of atoms
C
H
O

[2]

(b) What is the **empirical formula** of succinic acid?

[1]

(c) Succinic acid has a melting point of 184 °C and a boiling point of 235 °C.

What is the state of succinic acid at 25 °C?

Explain your answer.

[2]

Total Marks for Question Set 15: 5

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