

- (d) The student found that 22.50 cm^3 of $0.0800\text{ mol dm}^{-3}$ $\text{Na}_2\text{B}_4\text{O}_7$ reacted with 25.00 cm^3 of dilute hydrochloric acid.



- (i) Calculate the amount, in mol, of $\text{Na}_2\text{B}_4\text{O}_7$ used.

amount = mol [1]

- (ii) Calculate the amount, in mol, of HCl used.

amount = mol [1]

- (iii) Calculate the concentration, in mol dm^{-3} , of the HCl .

concentration = mol dm^{-3} [1]

[Total: 12]

END OF QUESTION PAPER

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Ying-Ying Zheng

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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