

## **GCSE Chemistry A (Gateway Science)**

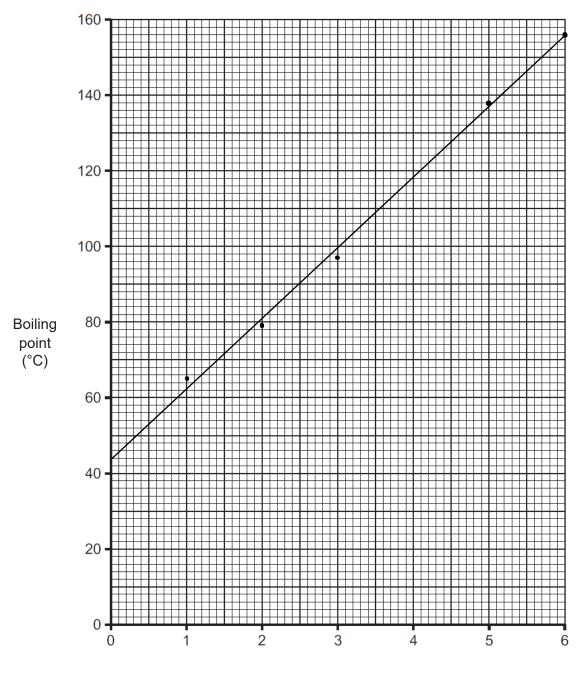
J248/02 C4-C6 and C7 Foundation (Foundation Tier)

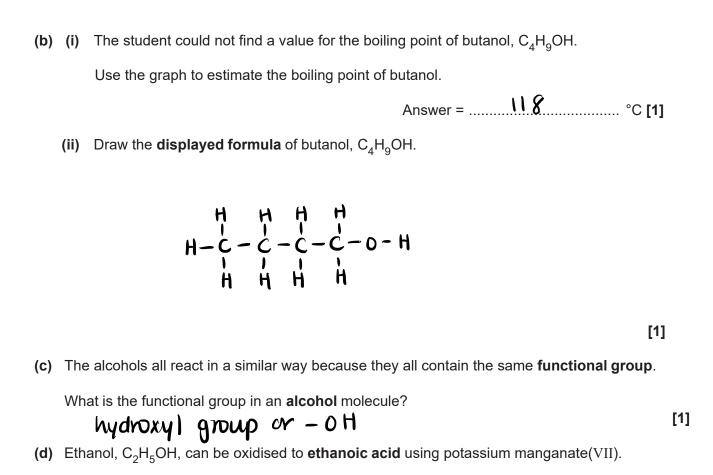
**Question Set 22** 

1 A student is using the internet to find out about alcohols. The student finds the following information.

Name	Number of carbon atoms	Boiling point (°C)
Methanol	1	65
Ethanol	2	79
Propanol	3	97
Pentanol	5	138
Hexanol	6	156

(a) Plot a graph of the boiling points of the alcohols on the grid. Draw a line of best fit.





[1]

**Total Marks for Question Set 22: 7** 

What is the formula of ethanoic acid?

CH3 COOH



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