

(c) Hydrochloric acid reacts with bases to form salts such as sodium chloride and zinc chloride. An antiseptic mouthwash is thought to contain both of these salts.

ORXWK
:DVK

<L6WRFNSKRWR 7KLQNVWRFN

- (i) Describe how you would confirm that the mouthwash contained sodium ions.

[2]

- (ii) Describe how you would experimentally confirm that the mouthwash contained zinc ions. In your answer, refer to the validity of your test.

[5]

Examiner Only	
Marks	Remark
Total Question 6	



DO NOT WRITE ON THIS PAGE

For Examiner's use only	
Question Number	Marks
1	
2	
3	
4	
5	
6	
QWC	

Total Marks	
--------------------	--

Examiner Number

Permission to reproduce all copyright material has been applied for.
In some cases, efforts to contact copyright holders may have been unsuccessful and CCEA will be happy to rectify any omissions of acknowledgement in future if notified.

113039



20GCH1220