

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
General Certificate of Education
Advanced Subsidiary Level and Advanced Level

CHEMISTRY

9701/05

Paper 5 Practical Test

May/June 2005

CONFIDENTIAL INSTRUCTIONS

Great care should be taken that any confidential information given does not reach the candidates either directly or indirectly.

ERRATUM

Page 4, **Detailed Identities of Chemicals Required**

Solutions, Question 1 and Question 2

For Centres using approximately 36% hydrochloric acid (11.7 M), the following instructions should be used to prepare solutions **FB 1** and **FB 4**:

FB 1 is 2.0 mol dm^{-3} hydrochloric acid, *prepared by diluting 172 cm^3 of concentrated hydrochloric acid to 1 dm^3 .*

FB 4 is 2.2 mol dm^{-3} hydrochloric acid, *prepared by diluting 189 cm^3 of concentrated hydrochloric acid to 1 dm^3 .*

*Titrate 25 cm^3 portions of **FB 4** against **FB 3** and adjust the concentration of **FB 4** to give a titre of $36.7 \pm 0.2 \text{ cm}^3$.*

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