

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

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

*Titrate  $25 \text{ cm}^3$  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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