## Mark Scheme (Results) <br> November 2009

IGCSE

IGCSE Chemistry (4335) Paper 03
IGCSE Science (Double Award) (4437) Paper 08

Edexcel is one of the leading examining and awarding bodies in the UK and throughout the world. We provide a wide range of qualifications including academic, vocational, occupational and specific programmes for employers.
Through a network of UK and overseas offices, Edexcel's centres receive the support they need to help them deliver their education and training programmes to learners.
For further information, please call our GCE line on 08445760025 , our GCSE team on 0844576 0027, or visit our website at www.edexcel.com.

If you have any subject specific questions about the content of this Mark Scheme that require the help of a subject specialist, you may find our Ask The Expert email service helpful.

Ask The Expert can be accessed online at the following link:
http:// www.edexcel.com/ Aboutus/ contact-us/

Alternately, you can speak directly to a subject specialist at Edexcel on our dedicated Science telephone line: 08445760037
(If you are calling from outside the UK please dial +44 1204770696 and state that you would like to speak to the Science subject specialist).

November 2009
Publications Code UG022298
All the material in this publication is copyright
© Edexcel Ltd 2009




|  |  | ii | M1 | correct calculation of volume from (i) <br> \{rate from(i) $\times 20\}$ | $\mathbf{1}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :---: |
|  | iii | M1 | repeat experiment using concentration <br> from (i) / same concentration | Not just "repeat <br> experiment" | $\mathbf{1}$ |
|  |  | M2 | measure gas volume collected (in 20 <br> seconds) | M2 dependant on M1 | $\mathbf{1}$ |
|  |  |  |  | TOTAL | $\mathbf{2 3}$ |

PAPER TOTAL: 50 MARKS

Further copies of this publication are available from International Regional Offices at www.edexcel.com/ international

For more information on Edexcel qualifications, please visit www.edexcel.com
Alternatively, you can contact Customer Services at www.edexcel.com/ ask or on +44 1204770696
Edexcel Limited. Registered in England and Wales no. 4496750
Registered Office: One90 High Holborn, London, WC1V 7BH

