The initial trials were based on a stock solution of 1 g of methylene blue and 0.6 g of sodium chloride dissolved in 100 cm³ of water. 0.1 cm³ of this stock solution was then diluted in 100 cm³ of water for the actual investigation. It is suggested that you start with this concentration and dilute it further if necessary.

As with all ISA investigations, teachers may modify the materials or equipment to take account of the conditions and equipment available. The task must be trialled to ensure that it works with the equipment and materials provided to candidates.

Any modification must be discussed and agreed, in writing, with the designated Assessment Adviser. Copies of any agreed modifications must be included when materials are submitted to the moderator. You do not need to contact your Assessment Adviser about this issue.