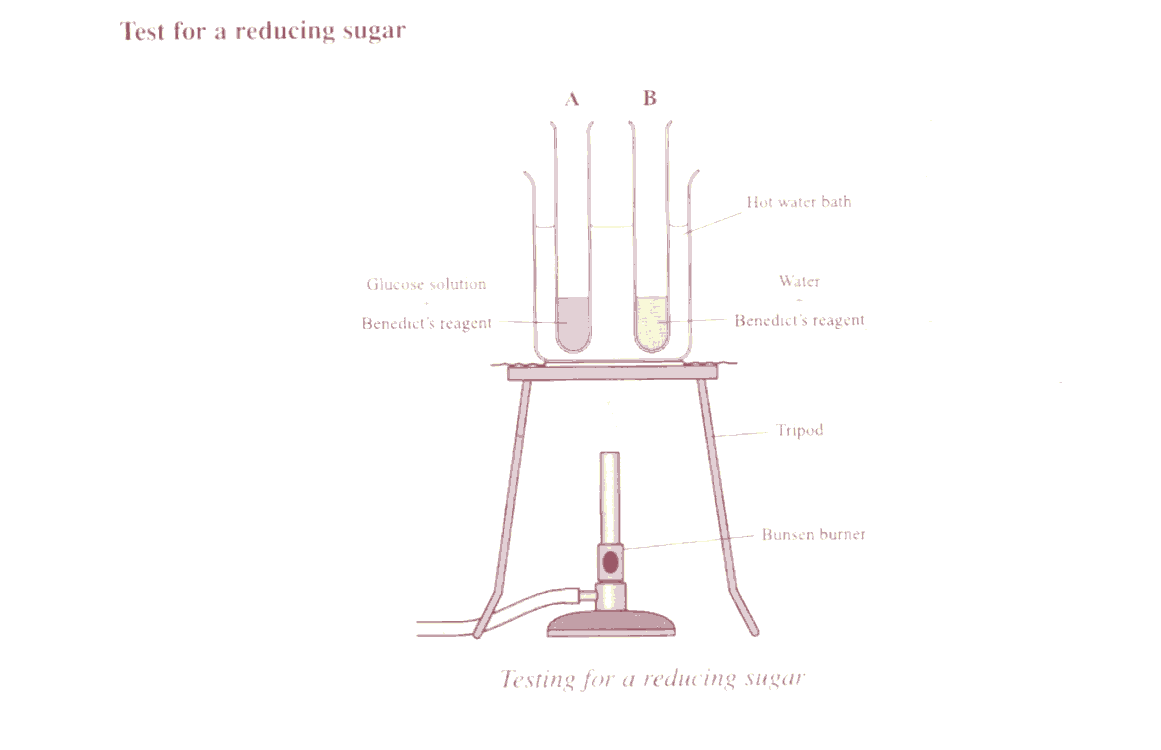
**Qualitative test for A REDUCING SUGAR e.g. glucose**

**CHEMICALS**

Glucose solution

 Benedict’s reagent

Water

**PROCEDURE**

1. I placed **glucose** solution into tube A.
2. I placed water into tube B. This acted as a control.
3. I added **Benedict’s reagent** to each tube.
4. I placed both tubes in the hot water bath and heated for 5 minutes.
5. I recorded my result.

**RESULT**

|  |  |  |
| --- | --- | --- |
| Sample | Initial colour | Final colour |
| A – Glucose solution | Blue | Brick red |
| B - Water | Blue | Blue |

[](http://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCPGWluq70McCFYua2wodO20N7g&url=http://knowitallbiology.blogspot.com/p/human-nutrition-macronutrients.html&ei=YMniVfHmIYu17ga72rXwDg&psig=AFQjCNHpcq5w044xFB2T7mXuoZo77WXFaQ&ust=1441012415572903)

**Test for reducing sugar**

**Glucose + Benedicts = Brick red**