Carolina™ Solution Sheets

Fehling's Solution 2/Fehling's Solution B

Learn how to make Fehling's solution part B and use it for testing sugars.

Materials

Potassium Hydroxide (item #883470)
Potassium Sodium Tartrate (item #884450)
Distilled Water (item #858621)
Stir Bar
Amber Bottle
Magnetic Stir Plate (item #701023)
Erlenmeyer Flask, 500-mL (item #731030)
Label

Don't want to make it yourself?
Find Fehling's solution B at Carolina.com

Item Number
862283

Procedure

Mix 125 g of potassium hydroxide and 173 g of potassium sodium tartrate in 500 mL of distilled water.

Notes

- Resultant solution should be clear and colorless.
- Must be used in conjunction with Fehling's solution A for testing sugars.

Label Information

Fehling's Solution B

Caution: Corrosive and toxic to body tissue

Date Prepared: _____
Initials of Preparer: _____
Health Risk: 3
Flammability: 0
Reactivity: 2

Applications

Fehling's solution B is used to test for the presence of simple sugars. The presence of simple sugars is indicated by the precipitation of a yellow or reddish precipitate.

Reference

Brandwein, P. F., and E. Morholt. 1986. *A sourcebook for the biological sciences*, 3rd ed. Orlando, FL: Harcourt Brace Jovanovich, 1986, p. 743.