

BA082

O-TOLUIDINE REAGENT (FOR GLUCOSE ESTIMATION)

Formula

Reagents:

Thiourea	1.50 g	
Glacial acetic acid	940.00 ml	
O-Toluidine, pure		60.00 ml

Directions:

1. Prepare one Test (5 ml reagent+ sample 0.05 mg %), one standard(5 ml reagent + Glucose standard-100 mg%- 0.05 mg %), Blank (5 ml reagent +0.05 ml distilled water).Mix thoroughly. Keep tubes in boiling water bath for 10 minutes.
2. Measure the optical densities of test and standard against blank at 640 nm.

Quality Control:

Appearance: Colourless clear liquid.

Results: Determination of unknown glucose concentration is carried out using O- toluidine reagent for test sample

$$\text{Concentration of glucose mg\%} = \frac{\text{Absorbance of test}}{\text{Absorbance of standard}} \times \text{Concentration of standard}$$

Storage: Below 30°C

Packing : 500 ml bottle

Warning & Precautions :

In Vitro diagnostic Use only. For professional use only. For Laboratory Use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Use: For glucose estimation.

Disposal:

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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