

BA061

**BENEDICTS QUANTITATIVE REAGENT**

**Formula**

**Reagents:**

Copper sulphate	18.00 g
Sodium carbonate	100.00 g
Sodium citrate	200.00 g
Potassium thiocyanate	125.00 g
Potassium ferricyanide	250.00 mg
Distilled water	1000.00 ml

**Directions:**

1. Take 5.0 ml of the reagent in a flask.
2. Add 2-3 g of anhydrous Na<sub>2</sub>CO<sub>3</sub> and 15-20 mg of CaCO<sub>3</sub>.
3. Mix well. Heat to boiling.
4. Add urine drop wise with constant stirring, till the blue colour of the reagent disappears and white precipitate is formed.

**Quality Control:**

**Appearance:** Blue coloured solution.

**Results:** About 10 ml of 0.5% glucose solution is required to decolourize 25 ml of Benedict's Quantitative Reagent solution.

**Storage:** Below 30°C.

**Packing:** 100/500 ml

**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:** Detection of sugar in urine with 0.5% glucose solution as a standard.

**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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