Glucose Standard

Intended Use
Intended for use as an glucose standard for standardization or calibration of glucose hexokinase or oxidase procedures.

Summary and Explanation
The glucose standard is prepared from glucose in an aqueous solution. The standard provides a concentration level of glucose within the linearity range of the glucose hexokinase or oxidase procedure. Stabilizers and preservatives added.

Principle
The standard should be used to calibrate the determination of unknown specimens using a glucose hexokinase or oxidase assay. Controls should be included to validate the calibration of the assay.

Ingredients

Precautions: For in vitro diagnostic use. Handle with the same precautions used for human samples.

Storage and stability
Store at 2-8°C. Stable until expiration date if sealed tightly and stored at 2-8°C.

Preparation
Standard is provided as a ready to use liquid.

Procedure
The standard should be used to standardize instrument or assay following the directions that accompany the instrument and reagent kit used.

Materials provided: Aqueous Glucose standard 100 mg/dl.

Materials not provided: Pointe Scientific glucose hexokinase or oxidase reagent and controls.

Limitations: Factors that might cause inaccurate results are improper pipetting and inadequate mixing.

Standard Value
The value is 100 mg/dl when used with the Pointe Scientific glucose hexokinase or oxidase procedure.

Symbol Key

Manufactured by Pointe Scientific, Inc.
5449 Research Drive, Canton, MI 48188

Obelis s.a.
Boulevard Général Wahis 53
1030 Brussels, BELGIUM
Tel: (32)2.732.59.54, Fax:(32)2.732.60.03
email: mail@obelis.net

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