

### 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

Reactive ingredients: An Aqueous solution containing glucose. Preservatives added. Consult vial label for assigned concentration for the standard.

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.

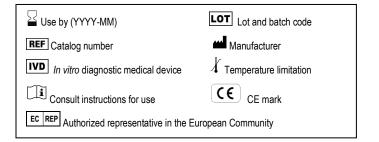
Materials not provided: Pointe Scientific glucose hexokinase or oxidase reagent and controls.

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

EC REP	Obelis s.a.
EC KEP	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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