

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.

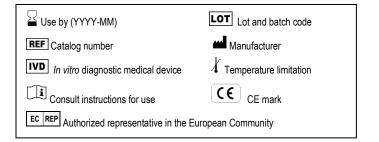
Materials not provided: Pointe Scientific glucose hexokinase or oxidase reagent and controls.

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
	0

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