

Magnesium Standard

Intended Use

Intended for use as an magnesium standard for standardization or calibration of xylidyl blue magnesium procedures.

Summary and Explanation

The magnesium standard is prepared from Magnesium lodate in an aqueous solution. The standard provides a concentration level of magnesium concentration within the linearity range of the xylidyl blue procedure. Stabilizers and preservatives added.

Principle

The standard should be used to calibrate the determination of unknown specimens using a xylidyl blue magnesium assay. Controls should be included to validate the calibration of the assay.

Ingredients

Reactive ingredients: A magnesium solution prepared from Magnesium lodate in an aqueous solution. 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 room temperature, 15-30°C. Stable until expiration date if sealed tightly and stored at 15-30°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 Magnesium standard 2.4 mg/dl.

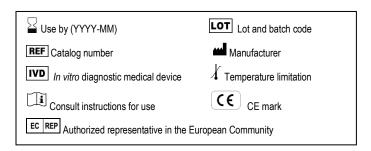
Materials not provided: Pointe Scientific xylidyl blue magnesium reagent and controls.

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

Standard Value

The value is 2.4 mg/dl when used with the Pointe Scientific xylidyl blue magnesium procedure.

Symbol Key





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Rev. 1/15 P803-M7527-05