

### 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 Iodate 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 Iodate 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

 Use by (YYYY-MM)	 Lot and batch code
 Catalog number	 Manufacturer
 <i>In vitro</i> diagnostic medical device	 Temperature limitation
 Consult instructions for use	 CE mark
 Authorized representative in the European Community	



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