

# BUN (Urea Nitrogen) Standard

#### Intended Use

Intended for use as an BUN (Urea Nitrogen) standard for standardization or calibration of Urease/GLDH, BUN (Urea Nitrogen) procedures.

# **Summary and Explanation**

The BUN (Urea Nitrogen) standard is prepared from Urea in an aqueous solution. The standard provides a concentration level of BUN (Urea Nitrogen) within the linearity range of the Urease/GLDH procedure. Stabilizers and preservatives added.

# **Principle**

The standard should be used to calibrate the determination of unknown specimens using a Urease/GLDH BUN (Urea Nitrogen) assay. Controls should be included to validate the calibration of the assay.

# Ingredients

Reactive ingredients: A aqueous solution containing Urea. 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 BUN (Urea Nitrogen) standard 20 mg/dl.

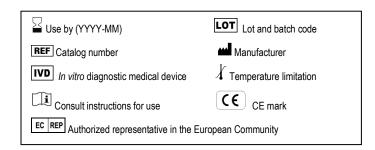
Materials not provided: Pointe Scientific BUN (Urea Nitrogen) reagent and controls.

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

#### Standard Value

The value is 20 mg/dl when used with the Pointe Scientific Urease/GLDH, BUN (Urea Nitrogen) procedure.

# Symbol Key





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EC REP

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