

Intended Use

Intended for use as an calcium standard for standardization or calibration of cresolphthalein complexone (CPC) or arsenazo calcium procedures.

Summary and Explanation

The calcium standard is prepared from calcium carbonate in an aqueous solution. The standard provides a concentration level of calcium within the linearity range of the cresolphthalein complexone (CPC) and arsenazo procedures. Stabilizers and preservatives added.

Principle

The standard should be used to calibrate the determination of unknown specimens using cresolphthalein complexone (CPC) or arsenazo calcium assays. Controls should be included to validate the calibration of the assay.

Ingredients

Reactive ingredients: An aqueous solution containing calcium carbonate. 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 calcium standard 10.0 mg/dl.










Materials not provided: Pointe Scientific cresolphthalein complexone (CPC) or arsenazo calcium reagents and controls.

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

Standard Value

The value is 10.0 mg/dl when used with the Pointe Scientific cresolphthalein complexone (CPC) or arsenazo calcium procedures.

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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