

# Product Specification

## Benedict's Solution, Quantitative

**Lot Number:** SAMPLE

**Product Number:** 935

**Manufacture Date:** N/A

**Expiration Date:** N/A

This product is for research or educational use only. Not for use in diagnosis or treatment of disease.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Citrate Dihydrate	6132-04-3	USP
Potassium Thiocyanate	333-20-0	ACS
Sodium Carbonate	497-19-8	ACS
Copper Sulfate Pentahydrate	7758-99-8	ACS
Potassium Ferrocyanide Trihydrate	14459-95-1	ACS

Test	Specification	Result
Appearance	Blue liquid	N/A
Glucose Titer	1.99-2.01 mg/mL	N/A

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
935-100	100 mL natural poly	12 months
935-16	500 mL natural poly	12 months
935-32	1 L natural poly	12 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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