

Certificate of Analysis

Product: 140/5 Flame Photometer Standard
Product Number: IL-09751750D
Shelf Life: 2 Years
Storage Conditions: 18 – 25 ° C
Quantity: 50 X 1 mL

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	140.0 $\pm$ 1.0	mmol/L
Potassium	5.00 $\pm$ 0.05	mmol/L
Chloride	145 $\pm$ 1	mmol/L
pH	6 $\pm$ 1	pH units

Details
Function: To provide calibration points for Sodium and Potassium on the IL Flame Photometer.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing 140 mmol/L Na ⁺ , 5 mmol/L K ⁺ , 145. mmol/L Cl ⁻ , and preservative. For in vitro diagnostic use only.

Traceability

Analyte	Standard	Test Method
Sodium	NIST 919b	IL 943 (Flame Photometry)
Potassium	NIST 918b	IL 943 (Flame Photometry)
Chloride	NIST 919b	Corning 925, SAT-500 Salt Analyzer (Titrimetric)
pH	Secondary Standard Traceable to NIST	pH Meter

Certified by:



Kathy Fisher
Director, Quality Assurance
Diamond Diagnostics Inc.