

Certificate of Analysis

Product: 140/5/1 Flame Photometer
Standard
Product Number: IL-03331300D
Shelf Life: 2 Years
Storage Conditions: 18 – 25 ° C
Quantity: 50 x 1mL

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	140 ± 1.0	mmol/L
Potassium	5.00 ± 0.05	mmol/L
Chloride	145 ± 1	mmol/L
Lithium	1.00 ± 0.03	mmol/L
pH	6 ± 1	pH units

Details
Function: To provide calibration points for Sodium and Potassium on the IL 943 Flame Photometer.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing 140 mmol/L Na ⁺ , 5 mmol/L K ⁺ , 1 mmol/L Li ⁺ , 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)
Lithium	NIST 924a	IL 943 (Flame Photometry)
pH	Secondary Standard Traceable to NIST	pH Meter

Certified by:



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