

Certificate of Analysis

Product: ISE Buffer
 Product Number: SM-B01417151D
 Shelf Life: 2 Years
 Storage Conditions: 18-25°C
 Quantity: 2000mL

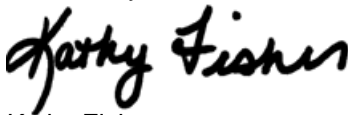
Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	1.0 ± 0.05	mmol/L
Potassium	0.05 ± 0.005	mmol/L
Chloride	1.0 ± 0.05	mmol/L
pH	8 ± 0.5	pH units

Details
Function: For use in the quantitative determination of Sodium, Potassium, and Chloride in Human Serum, Plasma and Urine on AVDIA Chemistry Systems.
Quality Specifications: Passed
Reagent Contents: Buffered solution of electrolytes (Na⁺, K⁺, 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.