

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	10.0 $\pm$ 0.5	mmol/L
Potassium	0.5 $\pm$ 0.05	mmol/L
Chloride	10.5 $\pm$ 0.5	mmol/L
pH	8 $\pm$ 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

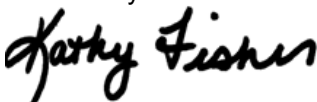
Reagent Contents: Buffered solution of electrolytes (Na⁺, K⁺, Cl⁻), and preservative.

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.