

Certificate of Analysis

Product: 6.8 Buffer
 Product Number: CD-473386D
 Shelf Life: 2 Years
 Storage Conditions: 18 – 25 ° C
 Quantity: 6 X 150 mL

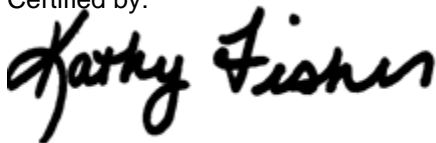
Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	100 ± 1.5	mmol/L
Potassium	8.00 ± 0.08	mmol/L
Chloride	70 ± 1.5	mmol/L
Calcium	2.5 ± 0.05	mmol/L
pH	6.838 ± 0.004	pH units

Details
Function: To provide calibration points for the Na+, K+, Cl-, Ca++, and pH electrodes on the Bayer 8xx Analyzers.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing 100 mmol/L Na+, 8.0 mmol/L K+, 70 mmol/L Cl-, 2.5 mmol/L Ca++, buffers, preservative and surfactant. 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)
Calcium	NIST 915b	Roche 9180 (ISE)
pH	NIST 2186i, 2186ii	Siemens Blood Gas Analyzer (ISE)

Certified by:



Kathy Fisher
 Director, Quality Assurance
 Diamond Diagnostics Inc.