

## Certificate of Analysis

Product: 6.8 Buffer  
 Product Number: RD-943792D  
 Shelf Life: 2 Years  
 Storage Conditions: 18 – 25 ° C  
 Quantity: 1 X 140 mL

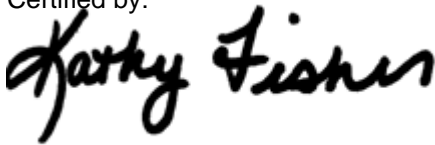
Parameter	Specified Range	Units
Appearance	<b>Clear, free of visible particulate matter</b>	
Sodium	<b>165.0 ± 5</b>	mmol/L
Chloride	<b>123.0 ± 5</b>	mmol/L
pH	<b>6.800 ± 0.005</b>	pH units

Details
Function: To provide a calibration point for the pH electrodes on the Radiometer 50, 500, 510, 520, 600, 610, and 620 Analyzers.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing MOPS buffer, NaCl, surfactant and preservative.  For in vitro diagnostic use only.

### Traceability

Analyte	Standard	Test Method
Sodium	<b>NIST 919b</b>	IL 943 (Flame Photometry)
Chloride	<b>NIST 919b</b>	Corning 925, SAT-500 Salt Analyzer (Titrimetric)
pH	<b>NIST 2186i, 2186ii</b>	Siemens Blood Gas Analyzer (ISE)

Certified by:



Kathy Fisher  
 Director, Quality Assurance  
 Diamond Diagnostics Inc.