

Certificate of Analysis

Product: 7.3 Buffer
Product Number: CD-478855D
Shelf Life: 1 Year
Storage Conditions: 18 – 25 ° C
Quantity: 1 X 350 mL

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	160 $\pm$ 1.5	mmol/L
Potassium	2.00 $\pm$ 0.05	mmol/L
Chloride	130 $\pm$ 1.5	mmol/L
Calcium	1.25 $\pm$ 0.03	mmol/L
pH	7.382 $\pm$ 0.005	pH units

Details
Function: To provide calibration points for the Na ⁺ , K ⁺ , Cl ⁻ , Ca ⁺⁺ , and pH electrodes for use on the Ciba-Corning 2xx Analyzer.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing 160 mmol/L Na ⁺ , 2mmol/L K ⁺ , 130 mmol/L Cl ⁻ , .25 mmol/L Ca ⁺⁺ buffers, surfactant 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)
Calcium	NIST 915b	Roche 9140 (ISE)
pH	Secondary Standard, OEM Reagent	Siemens Blood Gas Analyzer (ISE)

Certified by:



Kathy Fisher
Director, Quality Assurance
Diamond Diagnostics Inc.