

Certificate of Analysis

Product: Buffer Pack
 Product Number: CD-104227D
 Shelf Life: 2 Years
 Storage Conditions: 18 – 25 ° C
 Quantity: 1 X 370 mL, 1 X 90 mL

Component	Description	Fill Volume
CN-RA1015	7.382 Buffer	370 mL
CN-RA1016	6.8 Buffer	90 mL

7.382 Buffer

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	140 ± 1.5	mmol/L
Potassium	4.00 ± 0.05	mmol/L
Chloride	100 ± 1.5	mmol/L
Calcium	1.25 ± 0.03	mmol/L
pH	7.382 ± 0.005	pH units

6.8 Buffer

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	110 ± 1.5	mmol/L
Potassium	8.00 ± 0.08	mmol/L
Chloride	70 ± 1.5	mmol/L
Calcium	2.50 ± 0.05	mmol/L
pH	6.838 ± 0.005	pH units

Details

Function: To provide calibration points for the Na+, K+, Cl+, Ca++, pH, and hematocrit electrodes on the Ciba-Corning 348 Analyzers.

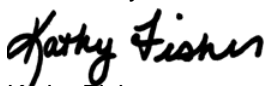
Quality Specifications: Passed

Reagent Contents: An aqueous solution containing 90 ml 6.838 buffer, 370 ml 7.382 buffer 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 9180 (ISE)
pH	NIST 2186i, 2186ii	Siemens Blood Gas Analyzer (ISE)

Certified by:



Kathy Fisher
 Director, Quality Assurance