

Certificate of Analysis

Product: Cal 1 Solution
 Product Number: IL-09831804D
 Shelf Life: 3 Years
 Storage Conditions: 18 – 25 ° C
 Quantity: 1 X 500 mL

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	146.0 ± 2	mmol/L
Potassium	5.40 ± 0.05	mmol/L
Chloride	126 ± 2	mmol/L
Calcium	1.05 ± 0.05	mmol/L
pH	7.384 ± 0.005	pH units

Details
Function: To provide calibration points for Na+, K+, Ca++, Cl- and pH electrodes on the IL pH/Blood Gas 1630, BGE, 1640, 1650, 1660 Systems.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing 146 mmol/L Na+, 5.40 mmol/L K+, 1 mmol/L Ca++ and 126 mmol/L 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)
Calcium	NIST915b	Roche 9180 (ISE)
pH	Secondary Standard, OEM Reagent	Siemens Blood Gas Analyzer (ISE)

Certified by:



Kathy Fisher
 Director, Quality Assurance
 Diamond Diagnostics Inc.