

Certificate of Analysis

Product: Calibrator 1 Solution
Product Number: RD-944030D
Shelf Life: 2 Years
Storage Conditions: 18 – 25 ° C
Quantity: 1 X 140 mL

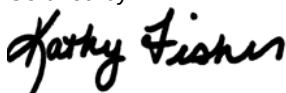
Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	145.0 $\pm$ 2.0	mmol/L
Potassium	4.00 $\pm$ 0.06	mmol/L
Calcium	1.25 $\pm$ 0.04	mmol/L
Chloride	103.0 $\pm$ 3.0	mmol/L
Glucose	10.0 $\pm$ 3.0	mmol/L
Lactate	4.0 $\pm$ 0.2	mmol/L
pH	7.40 $\pm$ 0.02	pH units

Details
Function: To provide calibration points for the Na ⁺ , K ⁺ , Ca ⁺⁺ , Cl ⁻ , Glu, Lac and pH electrodes on the Radiometer 555 Analyzer.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing 145 mmol/L Na ⁺ , 4 mmol/L K ⁺ , 1.25 mmol/L Ca ⁺⁺ , 103.0 mmol/L Cl ⁻ , 10 mmol/L Glu, 4 mmol/L Lac, buffer, 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)
Calcium	NIST 915b	Roche AVL 9180
Chloride	NIST 919b	Corning 925, SAT-500 Salt Analyzer (Titrimetric)
Glucose	NIST 917b	Beckman CX9 ALX (Enzymatic)
Lactate	Pointe™ Lactate Std	Cobas Mira Plus (Enzymatic)
pH	Secondary Standard, OEM Reagent	Siemens Blood Gas Analyzer (ISE)

Certified by:



Kathy Fisher
Director, Quality Assurance
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