

Certificate of Analysis

Product: Cal 1 Solution
Product Number: RD-944015D
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 $\pm$ 0.05	mmol/L
Chloride	106 $\pm$ 2	mmol/L
Calcium	1.25 $\pm$ 0.03	mmol/L
Glucose	180 $\pm$ 5	mmol/L
Lactate	4.2 $\pm$ 0.2	mmol/L
pH	7.400 $\pm$ 0.005	pH units

Details

Function: To provide calibration points for Na⁺, K⁺, Ca⁺⁺, Cl⁻, Glu, Lac and pH electrodes on the Radiometer 600, 610, 620, 625 & EML 100 Analyzers.

Quality Specifications: Passed

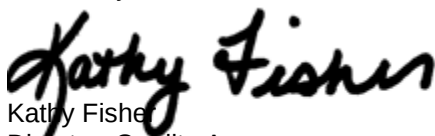
Reagent Contents: An aqueous solution containing 145 mmol/L Na⁺, 4 mmol/L K⁺, 1.25 mmol/L Ca⁺⁺, 106.2 mmol/L Cl⁻, 180 mmol/L Glu, 2 mmol/L Lac, buffer, surfactant and preservative, pH 7.330 $\pm$ 0.01 @ 37c.

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)
Glucose	NIST 917b	Beckman CX9 ALX (Enzymatic)
Lactate	Pointe™ Lactate Std	Cobas Mira Plus (Enzymatic)
pH	Secondary Standard, OEM Reagent	Siemens Blood Gas Analyzer

Certified by:



Kathy Fisher
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