

## Certificate of Analysis

Product: Calibrator 2  
 Product Number: BK-465909D  
 Shelf Life: 1 Year  
 Storage Conditions: 2 – 8 °C  
 Quantity: 6 X 25 mL

Parameter	Specified Range	Units
Appearance	Clear, free of visible particulate matter	
Sodium	180 ± 2.0	mmol/L
Potassium	10 ± 0.4	mmol/L
Chloride	180 ± 2.0	mmol/L
Calcium	3.5 ± 0.1	mmol/L
BUN	80 ± 2.0	mg/dL
Glucose	50 ± 2.0	mg/dL
Creatinine	8 ± 0.5	mg/dL
pH	~3	pH units

Details
Function: For the calibration of Na+, K+, Cl-, Ca++, tCO <sub>2</sub> , BUN, Glucose and Creatinine.
Quality Specifications: Passed
Reagent Contents: An aqueous solution containing 180 mmol/L Na+, 10 mmol/L K+, 180 mmol/L Cl-, 14 mg/dL Ca++, 80 mg/dL Urea N, 50 mg/dL Glucose, 8 mg/dL Creatinine, 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)
BUN	Secondary Standard, OEM Reagent	Beckman CX9 ALX (Enzymatic)
Glucose	NIST 917b	Beckman CX9 ALX (Enzymatic)
Creatinine	Secondary Standard, OEM Reagent	Beckman CX9 ALX (Enzymatic)
pH	Secondary Standard Traceable to NIST	pH Meter

Certified by:



Kathy Fisher  
 Director, Quality Assurance  
 Diamond Diagnostics Inc.