



NEWTON BIOMEDICAL SERVICE

27, Pradhakshanam Road, A-Plot, IInd Floor, KARUR - 639 001.
Cell : 96009 32255 - E.mail : newtonbiomedicalservice@gmail.com

Service Available at: Fully Auto Analyzer / Semi Auto Analyzer / Electrolytes / Elisa Reader / Diagnostic Instruments

Date 01.11.2020

TEST & CALIBRATION CERTIFICATE

UNIT DESCRIPTION: ELECTROLYTE

COMPANY: SENSACORE

S/N: ST-2006

MODEL: ST-200 PLUS

NAME OF CUSTOMER
& ADDRESS:

SRI SELLAM CLINICAL LAB,
NO: 113/4, SULTHANPETTAI,
P. VELUR,
NAMAKKAL.

ELECTROLYTE SERVICE: PREVENTIVE MAINTENANCE DONE

CALIBRATION: PASS

PERFORMANCE QC: PASS

INSTRUMENT WORKING CONDITION: GOOD

CALIBRATION DATE: 01.11.2020

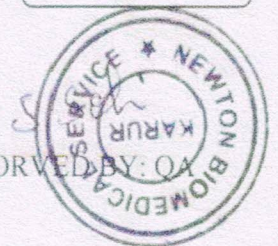
CALIBRATION VALIDITY:

31.10.2021

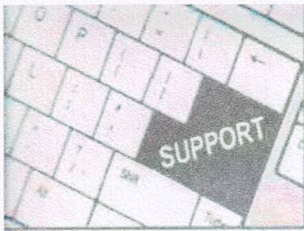
DATE: 01.11.2020

TEST BY: G. DINESH

APPROVED BY:



NOTE: 1) Calibration Points & due date is given as per customer request 2) This certificate refer only to particular item submitted for certificate 3) The calibration results reported are valid at the time of and under the stated conditions of the measurements 4) Any error in the certificate should be brought to our lab within 45 days from the date of issue of certificate.



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Calibration Details:

Operating Conditions:

Measuring time : 60 sec

Temperature: 5 C - 40 C ,

Relative Humidity: 5% to 95% (Non - Condensing)

Room Temperature: 25°C ± 2°C

Electrical Supply:

Input voltage:100/115-VAC, 50-60 Hz or 220-VAC, 50-60 Hz, 0.75 amp

Measured Values:-

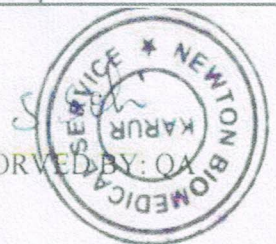
Parameter	Range (Blood)	Display Resolutions	Reproducibility (CV%)	Calibration Status
NA ⁺	20.0 – 250 mmol/L	0.1	< 1.0%	Pass
K ⁺	0.20 – 40.0mmol/L	0.1	< 1.0%	Pass
Cl ⁻	25.0 – 200.0 mmol/L	0.1	< 1.0%	Pass
iCa ⁺⁺	1.0 – 20.0 mmol/L	0.1	< 1.0%	Pass
Li	0.2 – 5 mmol/L	0.1	< 1.0%	Pass
pH	6-8 mmol/L	0.1	< 1.0%	Pass

Parameter	Range (Urine)	Display Resolutions	Reproducibility (CV %)	Calibration Status
NA ⁺	25.0-1000.0 mmol/L	0	< 1.0%	Pass
K ⁺	1.0-500.0 mmol/L	0.1	< 1.0%	Pass
Cl ⁻	25.0-500.0 mmol/L	0	< 1.0%	Pass

DATE: 01.11.2020

TEST BY: G. DINESH

APPROVED BY: OA



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