



# Nirmal Medical Systems

(AN ISO 9001 : 2015 & ISO 13485 : 2013 COMPANY)

Date: 25-06-20

## CALIBRATION CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

We hereby certify that the Electrolyte Analyzer Model NuLYTE SMART, which belong to Otabu Certification Pvt. Ltd., RZ-9, Prem Nagar, Uttam Nagar-110059, New Delhi. and is installed in Laboratory is Standardized and tested on 25<sup>th</sup> June. 2020.

Measured mV Values are:-

S.N.	Electrode	Calibration Slope (mV)	Calibration Ranges (mV)
01	Na <sup>+</sup>	55.211 mV/dec	38-70 mV/dec
02	K <sup>+</sup>	54.897 mV/dec	38-70 mV/dec
03	iCa <sup>++</sup>	34.384 mV/dec	15-50 mV/dec
04	Cl <sup>-</sup>	50.892 mV/dec	30-65 mV/dec

QC Measurement Lot No. **UQC2003A**, Exp Feb 2022)

S.N	Parameter	Expected Values (mmol/L)
		LEVEL 2
01	Na <sup>+</sup>	132 – 146
02	K <sup>+</sup>	3.46 – 4.46
03	iCa <sup>++</sup>	0.73 – 1.73
04	Cl <sup>-</sup>	92 – 106

Measured Values are:-

S.N	Parameter	Measured Values (mmol/L)
		LEVEL 2
01	Na <sup>+</sup>	139
02	K <sup>+</sup>	3.85
03	iCa <sup>++</sup>	1.38
04	Cl <sup>-</sup>	100

Successful completion of the preceding activities and checks indicates that this instrument has been satisfactorily installed. The instrument has passed the Installation Qualification procedure. This Calibration Certificate is valid for one year. Next Calibration is due on **24<sup>th</sup> June. 2021.**

For Nirmal Medical Systems,

  
(Authorized Signatory)

