

Date: 16/10/2020

CALIBRATION CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

We hereby certify that the Electrolyte Analyzer Model NuLYTE SMART, which belong to Dhiraj general Hospital, Piparia, Baroda and is installed in Laboratory is Standardized and tested on 06/10/2016

Measured mV Values are:-

S.N.	Electrode	Calibration Slope (mV)	Calibration Ranges (mV)
01	Na ⁺	57.76 mV/dec	35-100 mV/dec
02	K ⁺	52.81 mV/dec	35-100 mV/dec
03	Cl ⁻	39.17 mV/dec	35-100 mV/dec

QC Measurement (QC LEVEL LOT NO:-UQC17H Exp: JULY, 2021)

S.N	Parameter	Expected Values (mmol/L)
		LEVEL 2
01	Na ⁺	133 – 147
02	K ⁺	3.46 – 4.46
03	iCa ⁺⁺	0.73 – 1.73
04	Cl ⁻	92 – 106

Measured Values are:-

S.N	Parameter	Measured Values (mmol/L)
		LEVEL 2
01	Na ⁺	135
02	K ⁺	3.78
03	iCa ⁺⁺	1.16
04	Cl ⁻	97

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.

For Pathohub Biomedical LLP


(Authorized Signatory)



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We hereby certify that the Electrolyte Analyzer Model NuLYTE SMART, which belong to Dhiraj General Hospital, Baroda. and is installed in Laboratory is Standardized and tested on 06/10/2016

Measured mV Values are:-

S.N.	Electrode	Calibration Slope (mV)	Calibration Ranges (mV)
01	Na ⁺	58.02 mV/dec	35-100 mV/dec
02	K ⁺	54.16 mV/dec	35-100 mV/dec
03	iCa ⁺⁺	21.23 mV/dec	15-50 mV/dec
04	Cl ⁻	53.33 mV/dec	35-100 mV/dec

QC Measurement (QC LEVEL LOT NO:-UQC18F Exp: May. 2020)

S.N	Parameter	Expected Values (mmol/L)
		LEVEL 2
01	Na ⁺	133 - 147
02	K ⁺	3.46 - 4.46
03	iCa ⁺⁺	0.73 - 1.73
04	Cl ⁻	92 - 106

Measured Values are:-

S.N	Parameter	Measured Values (mmol/L)
		LEVEL 2
01	Na ⁺	136
02	K ⁺	3.76
03	iCa ⁺⁺	1.15
04	Cl ⁻	98

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.

For PathoHub Biomedical LLP


(Authorized Signatory)

