



CALIBRATION CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

We hereby certify that the Electrolyte Analyzer Model **Nulyte smart, SR. NO. ST-2637**, which belongs to Gurunanak Diagnostics, inside Parmar Hospital Ropar and is installed in Laboratory is Standardized and tested on **1st March 2021**.

S.N.	Electrode	Calibration Slope (mV)	Calibration Ranges (mV)
01	Na ⁺	62.437 mV/dec	38-100 mV/dec
02	K ⁺	60.565 mV/dec	38-100 mV/dec
03	ICa	35.333 mV/dec	15-50 mV/dec

QC Measurement (Level-1, Level-2 & Level-3 Lot No: UQC21 Exp:Aug.2022)

S.N	Parameter	Expected Values (mmol/L)		
		LEVEL 1	LEVEL 2	LEVEL 3
01	Na ⁺	109 - 127	132 - 146	147 - 165
02	K ⁺	1.51 - 2.51	3.37 - 4.37	5.21 - 6.21
03	ICa	1.45 - 2.45	0.73 - 1.73	0.19 - 1.19

Measured Values are:-

S.N	Parameter	Measured Values (mmol/L)		
		LEVEL 1	LEVEL 2	LEVEL 3
01	Na ⁺	119	140	157
02	K ⁺	1.97	3.99	5.97
03	ICa	1.94	1.20	0.69

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 **28/02/2022**.

For Kroma Systems,


 (Authorized Signatory)

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