



CALIBRATION CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

We hereby certify that the Electrolyte Analyzer Model **Nulyte Plus, SR.NO. NLP-3065**, which belongs to **RAHA Diagnostics, opposite community health centre, Vadakkekad, Kerala (679562)**, is calibrated and tested on April 2023.

Calibration Slope ranges at 5-35°C

S. No.	Parameter	CALIBRATION SLOP (mV)	Calibration Ranges (mV)
01.	Na+	70.65 mV/decade	35-100 mV/decade
02.	K+	72.43 mV/decade	35-100 mV/decade
03.	Cl-	36.09 mV/decade	30-100 mV/decade

QC Measurement (Level-1 Lot No: UQC2209B-L1 Exp: Aug 2024)

S.No.	Parameter	Expected Values
		LEVEL-1
01.	Na+	111-129 mmol/L
02.	K+	1.70-2.70 mmol/L
03.	Cl-	73 - 91 mmol/L

Measured Values are:-

S.N.	Parameter	Obtained Values
		LEVEL-1
01.	Na+	115.7 mmol/L
02.	K+	2.08 mmol/L
03.	Cl-	78.7 mmol/L

Cont....



QC Measurement (Level-2 Lot No: UQC2209B-L2 Exp: Aug 2024)

S.No.	Parameter	Expected Values
		LEVEL-2
01.	Na+	133-147 mmol/L
02.	K+	3.57-4.57 mmol/L
03.	Cl-	92 - 110 mmol/L

Measured Values are:-

S.N.	Parameter	Obtained Values
		LEVEL-2
01.	Na+	139.5 mmol/L
02.	K+	4.05 mmol/L
03.	Cl-	102.1 mmol/L

QC Measurement (Level-3 Lot No: UQC2209B-L3 Exp: Aug 2024)

S.No.	Parameter	Expected Values
		LEVEL-3
01.	Na+	151-169 mmol/L
02.	K+	5.67-6.67 mmol/L
03.	Cl-	108 - 126 mmol/L

Measured Values are:-

S.N.	Parameter	Obtained Values
		LEVEL-3
01.	Na+	157.0 mmol/L
02.	K+	5.76 mmol/L
03.	Cl-	119.1 mmol/L

Successful completion of the preceding activities and checks indicates that the instrument values are well within range.

This Calibration Certificate is valid for One Year. Next Calibration is due on April 2024.

For Meron Scientific Pvt. Ltd.



(Authorized Signatory)