

### CALIBRATION CERTIFICATE

Customer : **Pulse Path Clinical Laboratory,**  
1st Floor, Arom Complex,  
Soma Talav Char Rasta Road,  
Vadodara – 390 025.

Certificate No : **5264**  
Date of Calibration : **06/08/2020**  
Due Date : **05/08/2021**  
Serial No : **DJ-19D17110003**

Instrument : **Electrolyte Analyzer**  
Model : **Starlyte 3**  
Manufacturer : **MEIZHOU CORNLEY HI-TECH CO., LTD**

Golden Harvest Industries is an organization dealing in MEIZHOU CORNLEY© HI-TECH CO., LTD. Electrolyte Analyzers. It has a Technically Qualified Technical Team to ensure trouble free operation. The Described instrument has been checked and calibrated under the ambient conditions stated above.

Power Supply			
UPS Supply	Expected reading	Measured reading	Remarks
Phase to Neutral	230 ± 10 VAC	230 VAC	Within Limits
Phase to Earth	230 ± 10 VAC	230 VAC	
Neutral to Earth	0 - 5 VAC	0 VAC	

Parameter	Cal A	Measured Voltage	Remarks
Potassium [K+]	45-140 mV	96.21 mV	Within Limits
Sodium [Na+]	45-120 mV	95.27 mV	
Chloride [Cl-]	50-120 mV	109.36 mV	

Parameter	Cal B	Measured Voltage	Remarks
Potassium [K+]	45-140 mV	114.08 mV	Within Limits
Sodium [Na+]	45-120 mV	89.94 mV	
Chloride [Cl-]	50-120 mV	115.51 mV	

Parameter	Cal B - Cal A	Measured Voltage	Remarks
Potassium [K+]	12-21 mV	17.87 mV	Within Limits
Sodium [Na+]	[-4.2]-[-7.3] mV	-5.33 mV	
Chloride [Cl-]	5.4-10.8 mV	6.15 mV	

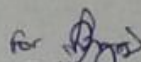
Sample Sensor Test	Expected reading	Measured reading	Range
R39	800 ± 50mV	815 mV	Within Limits
R65	1.8 ± 0.3V	1.82 V	

Test	Status	Remark
System Initialization	Normal	Nil
Display	Normal	Nil
Printer Check	Normal	Nil
Battery Backup	OK	Nil
Clock Test	OK	Nil
CAL A flow path	OK	Nil
CAL B flow path	OK	Nil
Cleanser flow path	OK	Nil
Air flow path	OK	Nil

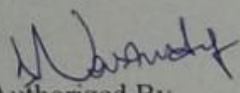
This Instrument and the above measuring parameters are calibrated as per Manufacturer Guidance.

**REMARKS/DEVIATIONS IF ANY:**

1. The recalibration interval should be determined based on the user's requirements.
2. The user should determine the stability of the instrument for its intended use.
3. The results stated in this certificate relate only to the instrument calibrated.

  
Calibrated By  
**Mr. Pratik Singh**  
Engineer - Technical Support



  
Authorized By  
**Mr. S. Nasrudeen**  
Manager-Technical Support