

## CALIBRATION CERTIFICATE

Date: 27.09.2023

<b>Calibration Name &amp; Address</b>		CERTIFICATE NO: AWM07C23	
The Medical Officer Urban Primary Health Centre Cheyyar.			
<b>Details of Device Under Calibration (DUC)</b>			
Description	: SEMI AUTO ANALYZER	Make	: Transasia
Range	:	Model	: Atcdchem-7
Least Count	:	Sr.No	: 150186ERBA
DUC Condition	: Satisfactory	Location	: LAB
<b>Environmental Conditions &amp; Calibration Procedure Details</b>			
Environmental Details	Temperature: 25°C	Relative humidity	49%RH
Sample Calibration Date	06/03/2023	Calibration Done at	ON SITE

### RESULTS

S.No	Specification	Measured Values in $\Omega$	Allowable limit in $\Omega$	Uncertainty in $\Omega$	Remarks
1	Earth Bond Resistance	0.285	<2 $\Omega$	0.02	✓ PASS/FAIL
		<b>Measured Values in M<math>\Omega</math></b>	<b>Allowable limit in M<math>\Omega</math></b>	<b>Uncertainty in M<math>\Omega</math></b>	<b>Remarks</b>
2	Insulation Resistance	44.8	>2 M $\Omega$	5.30	✓ PASS/FAIL
		<b>Measured Values in <math>\mu\Omega</math></b>	<b>Allowable limit in <math>\mu\Omega</math></b>	<b>Uncertainty in <math>\mu\Omega</math></b>	<b>Remarks</b>
3	Earth Leakage (NC)	212	<5000 $\mu\text{A}$ for B, BF,CF	18.70	✓ PASS/FAIL
4	Earth Leakage (SFC)	430	<1000 $\mu\text{A}$ for B, BF,CF		✓ PASS/FAIL
		<b>Measured values in <math>\mu\text{A}</math></b>	<b>Allowable limit in <math>\mu\text{A}</math></b>	<b>Uncertainty in <math>\mu\text{A}</math></b>	<b>Remarks</b>
5	Enclosure Leakage (NC)	5	<1000 $\mu\text{A}$ for B, BF,CF	3.12	✓ PASS/FAIL
6	Enclosure Leakage (SFC)	270	<500 $\mu\text{A}$ for B, BF,CF	19.90	✓ PASS/FAIL

### Remarks

- 1.This Calibration Certificate Shall not be reproduced except in full, without written approval of the laboratory
- 2.The user Should be determine the suitability of the instrument for its intended use
- 3.The Recalibration interval should be determine on the User requirement.
- 4.The results Stated in this Certificate relate only to the item Calibrated
- 5.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for coverage factor K=2.00
- 6.Equipment Used for Calibration were Calibrated & Traceable to National & International Standards

Calibrated By



Authorized Signatory

