



## CALIBRATION REPORT

### Details of the Unit Under Calibration:

**Calibration Certificate No: SBS/CL/20-21/00433**

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<b>Customer Name:</b>	<b>DIA CARE DIAGNOSTICS</b>	<b>Customer Address:</b>	<b>#2/751, VEPPANAPALLI, KRISHNAGIRI DT, TAMIL NADU</b>
<b>Location:</b>	BIO CHEMISTRY	<b>Serial No:</b>	40289
<b>Description:</b>	BIO CHEMISTRY ANALYSER	<b>Tag/Asset No:</b>	NA
<b>Make:</b>	TULIP	<b>Date of Calibration:</b>	25.01.2021
<b>Model:</b>	EVOLUTION 3000	<b>Date of Due:</b>	24.01.2021

### Traceability Details:

S.No	Standard Used	Make	Model	Serial No	Validity
1	Electrical Safety Analyzer	Fluke	ESA615	2244202	26-Jun-2021

### Environmental Conditions and Standard Operating Procedure Details:

<b>Temperature</b>	24°C	<b>Calibration Done At</b>	ONSITE
<b>Humidity (40-70% RH)</b>	59%	<b>Calibration Procedure No</b>	CP-BM001-2019/ES

### REMARKS:


The above mentioned instruments has been calibrated using standard manufacturer recommended protocols, using equipments having traceability to National/International Standards. Partial reproduction of the certificates is not permitted.

Calibrated by:

  
M. BALAJI

(Calibration Engineer)

Authorized Signatory:


  
C. SHANMUGARAJ  
(Technical Manager)

Electrical Safety Test Passed :  Yes /  No

Electrical Safety Test		
Parameters Used	Measured in Test Gadget	Limits
Voltage N-E	2.3 V	< 3V
Voltage P-N	220 V	< 230V
Voltage P-E	222 V	< 230V
Maximum Current Taken by the DUT	0.1	As per Manufacture specification
Earth Leakage Current NC	121 $\mu$ A	<500 $\mu$ A for B,BF,CF
Earth Leakage Current SFC	237 $\mu$ A	<1000 $\mu$ A for B,BF,CF
Enclosure Leakage Current NC	5.1 $\mu$ A	<100 $\mu$ A for B,BF,CF
Enclosure Leakage Current SFC	5.3 $\mu$ A	<500 $\mu$ A for B,BF,CF
Insulation Resistance M-P.E	Good	More than 100Mohm
Insulation Resistance M-A.P	Good	More than 100Mohm
Insulation Resistance A.P-P.E	Good	More than 100Mohm

**CALIBRATION RESULT:**

- Corrective maintenance required
- Removed from use
- Acceptable for use

Calibration Engineer Sign: 

Date: 25-01-2021