

## Calibration Certificate

This is to Certify that Biochemistry Analyzer Meril **AutoQuant-100 Amara** Instrument Sr. No. **AQ020715** Installed at **The Bioclinical Lab, Chennai** has been calibrated by our engineer on **02-Jan-2021**, with appropriate and sophisticated tools. Below parameter has been calibrated:

### TEST ITEMS AND RESULT

Appearance	No Imbalance Probe Movement
Leakage in Water tubing or CRU	No water leakage
Ambient temp ( 15- 32 ) Degree	24.0 degree C
Lamp Check	Ok
Sample Dispersing Volume	In range ( 0 to 30 ul)
Reagent cooling Temperature	8 ° C ( 0 to 15 Degree)
Optical Path length	0.65
Waster & Water Sensor	Working Properly
Threshold value	±34000 (≥25,000)
Valve & Motor	Working Properly
Reagent Dispensing Volume	In range ( 0 to 150 ul)
Power Supply and Earthing	230 Volts and Grounding less then 5 V
CV-Kinetic/End point/two Point	CV- 1.77% /2.42% /2.80%
SD-Kinetic/End point/two Point	SD- 1.15/0.39/0.69
Mean-Kinetic/End point/two Point	Mean- 97.55/14.34/24.79
Hardware Check-Functional Test	OK5415152524141112
Light Quality Check	OK
Cuvette Absorbance	OK
Cuvette Blank Value	OK >33000
Incubation temp.	37.0 ° C
Room temp.	25.0 degree C

This Calibration Certificate is Valid Up to **01-Jan-2022**.

Conclusion: All parameter are within range. The Machine is working properly. (As per Meril terms.)

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