



TRANSASIA®

CERTIFICATE OF CALIBRATION/ VERIFICATION

Customer Name : PACE HOSPITALS HYDERBABD MADHAPUR
Instrument : Semi Automated Bio-Chemistry Analyzer
Model : Chem 7
Serial Number : S1 80532
Calibration Date : 09-06-2021
Next Calibration due on before : 08-06-2022

This is to certify that the above mentioned instrument has been verified of calibration according to the procedures provided by the manufacturer in the reference manual.

The reference instruments used for value assignment are managed by the traceability systems with the manufacturer and these are traceable to international standards.


Calibration/ Verification done by
Kalyan Haldar
Application Manager
Transasia Bio-Medicals Ltd.

Technical Service Department
Transasia Bio-Medicals Ltd.,



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Details Of Calibration/Verification

Model :Chem 7

Serial No-S1 80532

General parameters:

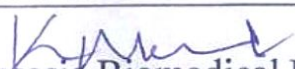
Parameter	Measured Value	Acceptable Range	Result
Line voltage	230	230+/-5%	Pass
SMPS Voltage	18	17 to 19 volts	Pass
Lamp voltage	11.59	11.5 to 12	Pass
Flow cell temperature	37	37+/- 5%	Pass
	30	30+/- 5%	Pass
	25	25+/- 5%	Pass
Pump Calibration	20105	8000 to 12000	Pass

Photometer Filter gain levels:

Sl No	Filters in nm	Filters Gain in uv	Acceptable range of gain
1	340	017659	10000-200000 uv
2	405	025513	10000-200000 uv
3	450	044563	10000-200000 uv
4	505	073452	10000-200000 uv
5	546	037456	10000-200000 uv
6	578	048965	10000-200000 uv
7	630	032456	10000-200000 uv
8	670	037869	10000-200000 uv

Thermal Value

Sl no	Temperature(Celcius)	Time taken to attain	Acceptable time range
1	25to 30	24 sec	Up to 180 sec
2	30 to 37	40 sec	Up to 180 sec
3	37 to 30	60 sec	Up to 180 sec
4	30 to 25	37 sec	Up to 180 sec


 For Transasia Biomedical Ltd
 Kalyan Haldar
 Application Manager
 Hyderabad