



CALIBRATION CERTIFICATE

No: 62, 1st Floor, RVN Layout,
New Siddhapudur,
Coimbatore - 641 044.
M : 98946 39502
Ph : 0422 - 2525152
E-Mail: kdd.cbe@gmail.com
Certificate No: 501

Customer : **The Medical Officer**
Sarkar Samakulam Community health centre
Coimbatore -641107

Date Calibrated : **21/12/2022**
Working Temperature : **25 ± 1° C**
Due Date : **20/12/2023**
Serial No : **B5827**

Instrument : **Hematology Analyzer**
Model : - **XP-100**
Manufacturers : **TRANSASIA**

Kovai Diagnostic Distributor is an organization dealing in TRANSASIA Auto Hematology 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. XP-100

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	

Test point voltages	Voltage Range	Measured reading	Remarks
5 V	4.8 - 5.2 V	5.02 VDC	Values are within Limits
12 V	10.80 - 12.96 V	12.00 VDC	
-12 V	10.80 - 12.96 V	-12.01 VDC	
56 V	47.00 - 62.00 V	55.80 VDC	

	Measured Value	Range	Remarks
HGB Zero (V)	0.0	0.0 - 0.20	Within Range
HGB Blank (V)	4.52	3.4 - 4.8	
Vacuum	203	175 - 205	

	Expected reading	Measured reading	Remarks
Aperture voltage	11.04 VDC	11 ± 1 VDC	Within Limits
WBC Count Time	12.5 Secs	10.5-14.5 Secs	
RBC Count Time	12.5 Secs	10.5-14.5 Secs	

	Status	Remarks
Pressure	Normal	All parts are working well Adjustment not required
Vacuum	Normal	
Filter	Normal	
Syringe Motor Check	Normal	
Rotation Motor Check	Normal	
Elevator Motor Check	Normal	
Printer/Recorder Check	Normal	



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	Status	Remarks
System Initialization	Okay	working well
Key Board check	Okay	
Display check	Okay	

This Instrument and the above measuring parameters are calibrated as per MINDRAY Recommended. The estimated uncertainty to be associated with the results is at a confidence level of approximately 99%.

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.

Calibration Done By

Vinoth Kumar S
Service Engineer - Technical Support



Certified By

Vinoth kumar S
Service Engineer – Technical Support

