

Date: 22-04-2021
Effective Date: 22-04-2021

Certificate of Calibration

Customer Name: Christian Institute of Health Sciences and Research

Model : Automated Hematology Analyzer Sysmex XN-550

Serial No. : 14707

Calibration Done Date: 22-04-2021

Next Calibration Due Date On or Before: 22-04-2022

Lab In-charge: . Mr.K.g.Gaikhonlungpou

This is to certify that the above-mentioned product has been verified of calibration according to the standard procedures provided by Sysmex Corporation, Japan.

The reference instruments used for value-assignment are managed by the traceability system in Sysmex Corporation and these are traceable to the International Standards, such as ICSH.

Calibration at site performed by
Dipankar Saikia
Service Engineer
Transasia Bio-Medicals Ltd
Jorhat

Encl:

1. Certificate of Inspection
2. Assay Sheet of Calibrator XN
3. Printouts
4. Traceability & Uncertainty document

Date: 22-04-2021
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Certificate of Inspection

1. Model: Automated Hematology Analyzer Sysmex XN-550
2. Serial No.: 14707
3. Calibration Date: 22-04-2021
4. Material used: XN-CAL (Lot No. 10812101, Expiry date: 25-April-2021)

By comparing your data to the results of the standard counters in Sysmex Corporation, the calibration for XN Analyzer parameters using the measurement standard material (XN-CAL) was completed. The calibration result of 10 runs is summarized in the following table. Please refer to the attached sheets for the details.

Technical Service Department
Transasia Bio-Medicals Ltd

5. BACKGROUND CHECK

PARAMETER	RESULT	Range
WBC-N	0.0	0.1×10^3 /uL or less
WBC-D	0.0	0.1×10^3 /uL or less
RBC	0.0	0.02×10^6 /uL or less
HGB	0.0	0.1g/dl or less
PLT	0	10×10^6 /uL or less

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XN CAL CL-10812101 (22/04/2021)

	WBC	RBC	HGB	HCT	PLT	RET%	RBC-O	PLT-O
Target	7.624	4.407	12.19	35.30	252.3	2.451	4.259	260.8
No. 2	7.29	4.44	12.3	35.5	236	2.39	4.18	253
No. 3	7.51	4.42	12.3	35.3	247	2.37	4.18	257
No. 4	7.45	4.42	12.2	35.3	249	2.34	4.19	261
No. 5	7.55	4.41	12.1	35.2	252	2.28	4.17	270
No. 6	7.49	4.43	12.2	35.3	237	2.26	4.17	259
No. 7	7.30	4.46	12.2	35.6	244	2.21	4.17	263
No. 8	7.60	4.45	12.2	35.6	251	2.33	4.16	257
No. 9	7.40	4.43	12.2	35.3	263	2.24	4.14	253
No. 10	7.35	4.45	12.2	35.4	250	2.34	4.17	258
No. 11	7.64	4.44	12.2	35.3	250	2.34	4.17	253
Mean Value	7.458	4.435	12.21	35.38	247.9	2.310	4.170	258.4
SD	0.122	0.016	0.06	0.14	7.8	0.059	0.013	5.3
CV (%)	1.6	0.4	0.5	0.4	3.1	2.6	0.3	2.1
Limit (%)	3.0	1.5	1.0	1.5	4.0	15.0	2.5	6.0

Close