

CALIBRATION CERTIFICATE

NAME OF THE CUSTOMER Sri Vishnu Healthcare Unit H.No.10-35/4, Rajesh towers, Pothireddy pally, sangareddy, 502001	MAKE Sysmex Corporation Sysmex India Pvt. Ltd. 1002, Damji Shamji Business Galleria, 10th Floor, LBS Marg Kanjurmarg (West), Mumbai 400 078, India Tel: +91 (22) 6112 6666 Fax: +91 (22) 2577 6790
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PRODUCT NAME XN-350 HEAMATOLOGY ANALYZER	SERIAL NO 16464
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This is to certify that the XN-350 Hematology Analyzer has been calibrated with XN CAL
 Calibrator (Lot No 30232101, Exp. Date 26-02-2023)

S.NO	TEST PARAMETERS	MEASURED/CALIBRATED	REMARKS
1.	Start up	WBC/RBC/HGB/PLT	PASS
2.	Reproducibility	WBC/RBC/HGB/MCV/HCT/PLT	PASS
3.	QC	WBC/RBC/HGB/HCT/PLT	PASS
4.	Calibration (Lot No. 23322101)	WBC/RBC/HGB/HCT/PLT	PASS

Date of Calibration: 28/01/2023	Due date for Calibration: 27/01/2024
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NAME OF THE ENGINEER

M. PRATHIK

SIGNATURE

M.prathik



Traceability and Uncertainty

XN CAL Sysmex Calibrator System

XN-L Series Automated Hematology Analyzer

LOT NO: 3023 2101
 EXP. DATE: 26-Feb-2023

Parameter	Reference Method	Reference Material	Assigned Value	Uncertainty*	Unit
WBC-C	*1	-	8.018	0.21	10 ⁹ /L
WBC-D	*1	-	7.535	0.19	10 ⁹ /L
RBC	*1	-	4.372	0.066	10 ¹² /L
RBC-O	*1	-	4.268	0.090	10 ¹² /L
PLT	*2	-	247.1	10	10 ⁹ /L
PLT-O	*2	-	246.2	11	10 ⁹ /L
HGB	*3, *4	-	11.83	0.18	g / dL
HCT	*5	-	34.71	0.60	%

* : This uncertainty (expanded uncertainty: k=2) was calculated in accordance with the "Guide to the expression of uncertainty in measurement" (GUM: 1995).

*1: ICSH Expert Panel on Cytometry, Clinical Laboratory Haematology, 16, 131-138, 1994
 "Reference method for the enumeration of erythrocytes and leucocytes"

*2: ICSH Expert Panel on Cytometry and International Society of Laboratory Hematology Task Force on Platelet Counting, American Journal of Clinical Pathology, 115, 460-464, 2001
 "Platelet Counting by the RBC/Platelet Ratio method – A reference Method"

*3: CLSI, H15-A3
 "Reference and selected procedures for the quantitative determination of hemoglobin in blood – 3rd edition; Approved standard"

*4: Journal of Clinical Pathology, 49, 271-274, 1996
 "Recommendation for reference method for haemoglobinometry in human blood (ICSH standard 1995) and specification for international haemoglobinocyanide reference preparation (4th ed.)"

*5: CLSI H7-A3
 "Procedure for Determining Packed Cell Volume by the Microhematocrit Method – 3rd edition; Approved Standard"