



Date: 17th March 2023

CALIBRATION CERTIFICATE

This is to Certify that **Sysmex Hematology Analyser XP-300 bearing** Serial No:C-3577 is
Calibrated at

PLUS ALPHA DIAGNOSTIC AND HEALTH CARE PRIVATE LIMITED

**RAJ TOWERS, NO 125, 2ND FLOOR, M.M.ROAD, FRAZER TOWN, BANGALORE, Bangalore,
Karnataka, India, 560005**

With Calibrator **XN CAL** bearing LOT **30800525 with Exp Date: 23/04/2023**

##Please refer attached details.

Calibration Done on: 17th March 2023

Calibration Validity : 17th March 2023 to 16th March 2024

Next Calibration Date : ON or Before 16th March 2024

For Sysmex India Pvt. Ltd.,

A handwritten signature in black ink, appearing to be "T. Ch.", is written over a horizontal line.

Authorized Signatory

SYSMEX INDIA PVT. LTD.

1002, Damji Shamji Business Galleria, 10th Floor, LBS marg, Kanjurmarg (West), Mumbai- 400078, Tel: +91-22-61126613

www.sysmex.co.in



Traceability and Uncertainty

SCS-1000 Sysmex Calibrator System

XP-Series, Automated Hematology Analyzer

LOTNO: 30800525
EXP. DATE: 23-Apr-2023

Parameter	Reference Method	Reference Material	Assigned Value	Uncertainty*	Unit
WBC	*1	-	7.022	0.19	10 ⁹ /L
RBC	*1	-	4.299	0.060	10 ¹² /L
PLT	*2	-	265.6	15	10 ⁹ /L
HGB	*3, *4	-	11.96	0.12	g/ dL
HCT	*5, *6	-	32.51	0.75	%

*: 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"

*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 haemoglobin cyanide reference preparation (4th ed.)"

*5: CLSI H7-A3

"Procedure for Determining Packed Cell Volume by the Microhematocrit Method—3rd edition; Approved Standard"

*6: Laboratory Hematology, 7, 148-170, 2001

"Recommendations for reference method for the packed cell volume (ICSH Standard 2001)"