



Date: 6th Aug. 2021

Calibration Certificate

This is to certify that Automated Haematology Analyzer XN-10, Serial No: 39934 installed at "Central Clinical Laboratory, Pravara Rural Hospital, Loni 413736" has been calibrated successfully.

Calibration Done on: 5 Aug 2021
Calibration Validity: 5 Aug 2021 to 4 Aug 2022
Calibration Due on: 4 Aug 2022
Material: XN-CAL (Lot No.-11932101, Expiry-2021-08-15)

Run	WBC-N	WBC-D	RBC	HGB	HCT	PLT
1	6.90	6.96	4.30	11.8	34.3	248
2	6.80	6.93	4.29	11.8	34.4	249
3	6.78	6.90	4.28	11.8	34.2	242
4	6.74	7.00	4.28	11.7	34.3	236
5	6.56	6.91	4.32	11.9	34.7	239
6	6.83	6.78	4.32	11.7	34.6	239
7	6.61	6.89	4.27	11.8	34.2	244
8	6.73	6.90	4.32	11.7	34.6	244
9	6.72	6.99	4.30	11.7	34.4	237
10	6.78	6.89	4.31	11.7	34.6	241
Mean	6.75	6.92	4.30	11.8	34.4	242
Target Value	6.833	6.997	4.353	11.9	34.78	243
CV%	1.5%	0.9%	0.4%	0.6%	0.5%	1.8%
Criteria	3.0%	3.0%	1.5%	1.0%	1.5%	4.0%

Calibration accepted for above mentioned values.

For Sysmex India Pvt. Ltd.

Authorized Signatory

Sysmex India Pvt Ltd (CIN U33120MH9958PTC15943)
Office 1002, Damji Shamji Business Galleria, 10th Floor, LBS Marg, Kanjurmarg (West), Mumbai - 400028, Maharashtra, India Tel. +91 (22) 6112 6666
Factory Village Malpur, Pargana Eharampur, Nalagarh Road, Baddi - 173205, Dist. Solan, Himachal Pradesh, India Tel. +91-9218422282 / 9816672282
www.sysmex.co.in

Nikhil S. Deshpande
12/04/22 at 3.00 pm
Dr. Nikhil S. Deshpande
Associate Professor
Department of Pathology
Dr. Balasaheb Vikhe Patil
Rural Medical College, Loni
PIMS (DU), Loni Bk, 413736

S. N. Jangle
at 3.30 pm
12.04.2022
Dr. S. N. JANGLE
Prof. & H. O. D. Biochemistry
Rural Medical College, PMT
Tal. Rahata, Dist. A' Nagar-413736

Incharge
CCL- Biochemistry
PMT, RMC, Loni

Systemex India Pvt. Ltd.
 1002, Danyl Shamji Business Galleria,
 10th Floor, LBS Marg,
 Kanjurmarg (West),
 India, 400078
 Tel. (+91) 22 6112 6666 Fax. (+91) 22 2577 6790
 Email: systemex@systemex.co.in
 Web: <https://www.systemex.co.in>
 GST Reg. No: 27AADCS1551J1ZC Co. Reg. No: ABC



CSR No.: WO-100210187
 Revision No.:

Customer Service Report


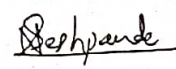
Customer Name	Central Clinical Laboratory, Pravara Rural Hospital, Loni-413736		
Contact Person	Dr. Nikhil Deshpande		
Installation Date		Login Date/Time	28/12/2021 10:24:00 AM
Equipment ID	10131182	FSR Name	Amol Hole
Model	SA-31	From Date/Time	29/12/2021 10:17:03 AM
Serial No.	11609	To Date/Time	29/12/2021 12:04:00 PM
Total Cycle Count	1	Case No.	CAS-113651-P4Y2H0

Defect Analysis	
Issue Code	Cause Code
Issue	Cause
Preventative Maintenance	Preventative Maintenance

Action Taken	Action Code	Value Before Adjustment	Value After Adjustment
Done PM as per PM Checklist	Completed		

Remarks
Done Preventative Maintenance as per standard procedure

Items Consumed				
Product ID	VPN	Product Description	QTY	UOM

Name:- Amol Hole	Acknowledged By : Dr. Nikhil Deshpande
Sign: 	Sign : 
Date: 30/12/2021 10:28:09 AM	Date: 30/12/2021 10:28:09 AM

Customer Confidential

XN-3000/XN-3100(XR-3000) Preventive Maintenance Check List

Check item		When to perform	Check	Adjust / Clean	Replac ing	Remarks
XN(XR) front	Clean the inside of the instrument			<input checked="" type="checkbox"/>		
	Lubricate drive unit			<input checked="" type="checkbox"/>		
	Check position of rotation mechanical unit		<input checked="" type="checkbox"/>			
	Check and adjust blood detection sensor		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Check and adjust profile position		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Clean ID reader			<input checked="" type="checkbox"/>		
	Check and adjust barcode reading		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Check stand-alone operation		<input checked="" type="checkbox"/>			
	Clean instrument covers, table and belts			<input checked="" type="checkbox"/>		
SP front	Clean the inside of the instrument			<input checked="" type="checkbox"/>		
	Lubricate drive unit			<input checked="" type="checkbox"/>		
	Check position of rotation		<input checked="" type="checkbox"/>			
	Check and adjust blood detection sensor		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Check and adjust profile position		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Clean ID reader			<input checked="" type="checkbox"/>		
	Check and adjust barcode reading		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Check stand-alone operation		<input checked="" type="checkbox"/>			
	Clean instrument covers, table and belts			<input checked="" type="checkbox"/>		
Overall	Check program version		<input checked="" type="checkbox"/>			
	Back up setting values			<input checked="" type="checkbox"/>		
	Back up adjustment values			<input checked="" type="checkbox"/>		
	Check overall operation		<input checked="" type="checkbox"/>			

* The description in "When to perform" is just a rough indication, and differs depending on status of use.

* If nothing is described in "When to perform" column, the item has to be performed every time.

[Check item details]

Check item	Check result
Program version	00-16

Facility name	Central Clinical Laboratory, Pravara Rural Hospital, Loni-413736		
Instrument name	XN-3000 / XN-3100 / XR-3000	Serial NO.	11609
Service date	29 Dec 2021		
Name of service	Amol Hole		

Name:- Amol Hole

Sign: 

Date: 30/12/2021 10:28:09 AM

Acknowledged By : Dr. Nikhil Deshpande

Sign: 

Date: 30/12/2021 10:28:09 AM

Systemex India Pvt. Ltd.
 1002, Damji Shamji Business Galleria
 10th Floor, LBS Marg,
 Kanjurmarg (West),
 India 400078
 Tel: (+91) 22 6112 6666 Fax: (+91) 22 2577 6790
 Email: systemex@systemex.co.in
 Web: <https://www.systemex.co.in>
 GST Reg. No: 27AADCS1551J12C Co. Reg. No: ABC



CSR No.: WO-100210433
 Revision No.:

Customer Service Report

Customer Name	Central Clinical Laboratory, Pravara Rural Hospital, Loni-413736		
Contact Person	Dr. Nikhil Deshpande		
Installation Date	17/07/2020	Login Date/Time	29/12/2021 04:47:00 PM
Equipment ID	10117578	FSR Name	Amol Hole
Model	XN-10	From Date/Time	29/12/2021 07:51:40 PM
Serial No.	39934	To Date/Time	29/12/2021 10:29:00 PM
Total Cycle Count	63.816	Case No.	CAS-113795-D3P4R5

Defect Analysis	
Issue Code	Cause Code
Described in additional info [XN series]	Described in add info [XN series - Mainunit]
Issue	Cause
Perform Calibration	Perform Calibration

Action Taken	Action Code	Value Before Adjustment	Value After Adjustment
Test Calibration Task	Completed		
Check Blank	Completed	0	0
Perform RBC Clog	Completed	99	100
Perform HGB Blank	Completed	5563	4969
Perform Aspiration Blank	Completed	5501	5063
Check Aspiration Span with Control L2, Lot No.-13291102, Exp-13-02-2022	Completed	6884	6884
Perform Sensitivity Adjustment with calibrator lot No.-13332101, Exp-2022-01-02.	Completed		
Perform Calibrator Calibration and PD Mode Calibration with calibrator XN-CAL, lot No.-13332101, Exp-2022-01-02.	Completed		
Perform QC L1(Lot No. QC-13281101, Exp-13-02-2022), L2(Lot No. QC-13291102, Exp-13-02-2022), L3(Lot No. QC-13261103, Exp-13-02-2022).	Completed		

Systemex India Pvt. Ltd.
 1002, Damji Shamji Business Galleria,
 10th Floor, LBS Marg,
 Kanjurmarg (West),
 India, 400078
 Tel: (+91) 22 6112 6666 Fax: (+91) 22 2577 6790
 Email: systemex@systemex.co.in
 Web: <https://www.systemex.co.in>
 GST Reg. No: 27AADCS1651J1ZC Co. Reg. No: ABC




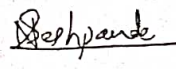
CSR No.: WO-100210433
 Revision No.:

Customer Service Report

Customer Name	Central Clinical Laboratory, Pravara Rural Hospital, Loni-413736		
Contact Person	Dr. Nikhil Deshpande		
Installation Date	17/07/2020	LogIn Date/Time	29/12/2021 04:47:00 PM
Equipment ID	10117579	FSR Name	Amol Hole
Model	XN-10	From Date/Time	29/12/2021 07:51:40 PM
Serial No.	39934	To Date/Time	29/12/2021 10:29:00 PM
Total Cycle Count	63.816	Case No.	CAS-113795-D3P4R5

Remarks
Perform Calibration

Items Consumed				
Product ID	VPN	Product Description	QTY	UOM

Name:- Amol Hole	Acknowledged By : Dr. Nikhil Deshpande
Sign: 	Sign : 
Date: 30/12/2021 10:30:03 AM	Date: 30/12/2021 10:30:03 AM

Customer Confidential