

Date: 01/11/2022  
Effective Date: 01/11/2022

## Certificate of Calibration

Customer Name – MEDICENTRE SONOGRAPHY AND CLINICAL LAB-UDAIPUR

Model: Automated Hematology Analyzer Sysmex XS-800i

Serial No.: 63974


Calibration Done Date: 01/11/2022

Next Calibration Due Date On or Before: 01/11/2023

Lab In-charge: Mr. MAHESH MERAUAT

*This is to certify that the above-mentioned product has been verified of calibration for CBC 6 parameters (WBC, RBC, HGB, HCT, MCV and PLT) 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  
Engineer Name:- Gunjan K umar Pahad  
Designation:- Sr. Service Engineer  
Transasia Bio-Medicals Ltd  
Location:- Udaipur

Encl:

1. Certificate of Inspection
2. Assay Sheet of Calibrator SCS-1000
3. Printouts
4. Traceability & Uncertainty document

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## Certificate of Inspection

1. Model: Automated Hematology Analyzer Sysmex XS- 800i
2. Serial No.: 63974
3. Calibration Date: 01/11/2022
4. Material used: SCS-1000 (Lot No. 13620525, Expiry date: 30-Dec.-2022)

By comparing your data to the results of the standard counters in Sysmex Corporation, the calibration for CBC 6 parameters using the measurement standard material (SCS-1000) was completed. The calibration result of 5 runs is summarized in the following table. Please refer to the attached sheets for the details.

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## 5. BACKGROUND CHECK

PARAMETER	RESULT	Range
WBC	0.0	$0.3 \times 10^3/\mu\text{L}$ or less
RBC	0.00	$0.02 \times 10^6/\mu\text{L}$ or less
HGB	0.0	0.1 g/dL or less
PLT	0	$10 \times 10^3/\mu\text{L}$ or less

Technical Service Department  
Transasia Bio-Medicals Ltd

Transasia Bio-Medicals Ltd. Transasia House, B Choudhary Street Road, Andheri (E), Mumbai - 400 072  
 Tel: +91 22 4030 9000 Fax: +91 22 2857 3030  
 BLOOD COUNT STUDY PERFORMED ON THE ANALYZER USING A BLOOD SAMPLES (ORIGINALS ATTACHED)

SMP NO	WBC	RBC	HGB	HCT	MCV	PLT
PRE-1	6.84	4.66	12.80	39.6	85.0	163
PRE-2	7.07	4.68	12.90	39.70	84.8	171
PRE-3	6.92	4.67	12.80	39.5	84.6	161
PRE-4	7.11	4.72	13.00	39.9	84.5	172
PRE-5	7.43	4.66	12.80	39.4	84.5	175
PRE-6	7.34	4.64	12.90	39.2	84.5	166
PRE-7	7.11	4.63	12.90	39.0	84.2	165
PRE-8	7.11	4.66	12.90	39.2	84.1	167
PRE-9	7	4.69	12.90	39.4	84.0	169
PRE-10	7.26	4.65	12.90	39.1	84.1	170
Me an	7.12	4.67	12.88	39.40	84.43	167.90
SD	0.182	0.026	0.063	0.283	0.327	4.306
CV %	2.563	0.555	0.491	0.718	0.387	2.565
Acceptable CV%	Within 3.0%	Within 1.5%	Within 1.5%	Within 1.5%	Within 1.5%	Within 4.0%
Result	PASS	PASS	PASS	PASS	PASS	PASS

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SMP NO/TIME	WBC	RBC	HGB	HCT	MCV	PLT
CAL1/4:36:32	7.37	4.39	12.3	35.4	80.6	238
CAL2/14:38:14	7.28	4.41	12.4	35.6	80.7	238
CAL3/14:39:59	7.41	4.38	12.2	35.4	80.8	244
CAL4/14:56:55	7.31	4.39	12.2	35.4	80.6	237
CAL5/14:58	7.70	4.42	12.3	35.9	81.2	241
MEAN	7.41	4.398	12.28	35.54	80.78	239.6
Acceptable Limits	7.164 - 7.753	4.388 - 4.526	12.11 - 12.30	35.30 - 36.89	79.96 - 82.02	233.7 - 250.8
Result	PASS	PASS	PASS	PASS	PASS	PASS

**7. (Traceability System) :**

The traceability system of Sysmex Hematology analyzers are shown in attached sheet.

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