

Date: 23.12.20
Effective Date: 23.12.20**Certificate of Calibration****Customer Name:** POLO LABS PVT. LTD.**Model :** Automated Hematology Analyzer Sysmex XS-800i**Serial No. :** 67677**Calibration Done Date:** 23.12.20**Next Calibration Due Date On or Before:** 22.12.21**Lab In-charge:** Dr. SUKSHAM SAMIR

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
GIAN CHAND
Designation : SR.SERVICE ENGG.
Transasia Bio-Medicals Ltd
Location : JALANDHAR

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

Date: 23.12.2020
Effective Date: 23.12.20**Certificate of Inspection**

1. Model: Automated Hematology Analyzer Sysmex XS-800i

2. Serial No.: 67677

3. Calibration Date: 23.12.20

4. Material used: SCS-1000 (Lot No. 0336 0525, Expiry date: 03-Jan-2021)

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	$0.3 \times 10^9/\mu\text{L}$ or less
RBC	0.00	$0.02 \times 10^{12}/\mu\text{L}$ or less
HGB	0.0	0.1 g/dL or less
PLT	3	$10 \times 10^9/\mu\text{L}$ or less

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**6. PRECISION STUDY PERFORMED ON THE ANALYZER USING A BLOOD SAMPLE
(ORIGINALS ATTACHED)**

SMP NO	WBC	RBC	HGB	HCT	MCV	PLT
102	7.92	4.60	12.10	36.6	79.6	248
103	7.66	4.64	12.10	36.80	79.3	245
104	7.72	4.64	12.20	36.8	79.3	251
105	7.75	4.61	12.20	36.4	79.0	248
106	8.00	4.61	12.10	36.3	78.7	254
107	7.77	4.65	12.30	36.5	78.5	257
108	7.6	4.65	12.20	36.4	78.3	243
109	7.67	4.57	12.20	35.7	78.1	243
110	7.48	4.68	12.10	36.5	78.0	249
111	7.61	4.66	12.20	36.2	77.7	253
Mean	7.72	4.63	12.17	36.42	78.65	249.10
SD	0.153	0.033	0.067	0.319	0.636	4.701
CV%	1.988	0.709	0.555	0.876	0.809	1.887
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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7. CALIBRATION DATA

SMP NO/TIME	WBC	RBC	HGB	HCT	MCV	PLT
203	6.59	4.39	12.5	36.1	82.2	244
204	6.66	4.40	12.5	36.1	82.0	254
205	6.58	4.36	12.3	35.8	82.1	237
2.06	6.76	4.42	12.2	36.3	82.1	254
207	6.58	4.38	12.4	36.0	82.2	256
MEAN	6.63	4.390	12.38	36.06	82.12	249.0
Acceptable Limits	6.472 - 7.005	4.328 - 4.464	12.30 - 12.49	35.42 - 37.02	81.35 - 83.45	239.3 - 256.8
Result	PASS	PASS	PASS	PASS	PASS	PASS

8. (Traceability System) :
The traceability system of Sysmex Hematology analyzers are shown in attached sheet.

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