



**e-CHECK™**

**HEMATOLOGY CONTROL FOR SYSMEX XS-1000i™ ANALYZERS**

<b>Expiration Date:</b>	<b>2024-07-01</b>		Quality Control Data Due Date #1: 20-May-2024		Quality Control Data Due Date #2: 01-Jul-2024	
<b>Lot Number:</b>	<b>41010801</b>		<b>41010802</b>		<b>41010803</b>	
<b>Control:</b>	<b>L1:Level 1</b>		<b>L2:Level 2</b>		<b>L3:Level 3</b>	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 <sup>12</sup> /L)	2.29	2.17 - 2.40	4.36	4.19 - 4.54	5.29	5.08 - 5.50
HGB (g/dL)	5.8	5.4 - 6.1	12.3	11.8 - 12.8	16.3	15.6 - 16.9
HCT (%)	17.6	16.4 - 18.8	36.4	34.2 - 38.6	47.6	44.7 - 50.4
MCV (fL)	76.9	71.6 - 82.3	83.4	78.4 - 88.5	90.0	84.6 - 95.4
MCH (pg)	25.3	23.5 - 27.1	28.1	26.4 - 29.8	30.8	29.2 - 32.3
MCHC (g/dL)	32.9	29.6 - 36.2	33.7	31.0 - 36.4	34.2	31.5 - 37.0
PLT (10 <sup>9</sup> /L)	56	40 - 72	213	187 - 238	513	461 - 564
RDW-SD (fL)	44.2	38.9 - 49.5	44.5	38.7 - 50.3	45.5	39.1 - 51.8
RDW-CV (%)	16.1	14.0 - 18.2	15.2	13.7 - 16.7	14.7	13.1 - 16.3
MPV (fL)	9.6	8.2 - 10.9	10.1	9.2 - 11.0	10.3	9.5 - 11.0
WBC-C (10 <sup>9</sup> /L)	2.87	2.56 - 3.19	6.98	6.35 - 7.61	17.06	15.69 - 18.42
WBC-D (10 <sup>9</sup> /L)	2.99	2.69 - 3.28	7.27	6.62 - 7.93	17.82	16.39 - 19.24
NEUT%	37.4	31.1 - 43.8	40.9	35.6 - 46.2	44.9	39.5 - 50.3
LYMPH%	38.8	31.8 - 45.8	33.3	28.7 - 38.0	27.1	23.9 - 30.4
MONO%	9.5	4.5 - 14.5	9.8	6.2 - 13.3	10.2	7.1 - 13.2
EO%	8.8	4.9 - 12.6	9.9	5.8 - 14.1	11.0	6.2 - 15.7
BASO%	5.5	2.7 - 8.4	6.1	3.2 - 9.0	6.9	3.6 - 10.1
NEUT# (10 <sup>9</sup> /L)	1.12	0.86 - 1.38	2.97	2.41 - 3.54	8.00	6.64 - 9.36
LYMPH# (10 <sup>9</sup> /L)	1.16	0.88 - 1.44	2.43	1.96 - 2.89	4.83	4.06 - 5.60
MONO# (10 <sup>9</sup> /L)	0.28	0.13 - 0.44	0.71	0.44 - 0.98	1.81	1.23 - 2.39
EO# (10 <sup>9</sup> /L)	0.26	0.14 - 0.38	0.72	0.41 - 1.04	1.95	1.09 - 2.81
BASO# (10 <sup>9</sup> /L)	0.17	0.07 - 0.26	0.44	0.22 - 0.66	1.22	0.64 - 1.81