



**e-CHECK™**

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

<b>Expiration Date:</b>	<b>2024-12-16</b>		Quality Control Data Due Date #1: 04-Nov-2024		Quality Control Data Due Date #2: 16-Dec-2024	
<b>Lot Number:</b>	<b>42690801</b>		<b>42690802</b>		<b>42690803</b>	
<b>Control:</b>	<b>L1:Level 1</b>		<b>L2:Level 2</b>		<b>L3:Level 3</b>	
<b>PARAMETERS</b>	<b>MEAN</b>	<b>EXPECTED RANGE</b>	<b>MEAN</b>	<b>EXPECTED RANGE</b>	<b>MEAN</b>	<b>EXPECTED RANGE</b>
RBC (10 <sup>12</sup> /L)	2.24	2.13 - 2.36	4.36	4.18 - 4.53	5.29	5.08 - 5.50
HGB (g/dL)	5.3	5.0 - 5.6	12.4	12.0 - 12.9	16.5	15.8 - 17.1
HCT (%)	16.6	15.4 - 17.7	36.7	34.5 - 38.9	47.8	44.9 - 50.7
MCV (fL)	73.8	68.7 - 79.0	84.3	79.2 - 89.3	90.4	85.0 - 95.8
MCH (pg)	23.6	21.9 - 25.3	28.6	26.9 - 30.3	31.1	29.6 - 32.7
MCHC (g/dL)	32.0	28.8 - 35.2	33.9	31.2 - 36.6	34.4	31.7 - 37.2
PLT (10 <sup>9</sup> /L)	57	40 - 73	221	195 - 248	522	470 - 574
RDW-SD (fL)	48.8	43.0 - 54.7	43.1	37.5 - 48.8	43.8	37.7 - 50.0
RDW-CV (%)	18.7	16.3 - 21.1	14.6	13.2 - 16.1	14.1	12.5 - 15.6
MPV (fL)	9.3	8.0 - 10.6	9.6	8.7 - 10.5	9.8	9.1 - 10.5
WBC-C (10 <sup>9</sup> /L)	2.84	2.52 - 3.15	6.40	5.82 - 6.97	16.95	15.60 - 18.31
WBC-D (10 <sup>9</sup> /L)	2.97	2.68 - 3.27	6.72	6.11 - 7.32	17.81	16.38 - 19.23
NEUT%	36.8	30.6 - 43.1	41.1	35.8 - 46.5	45.1	39.7 - 50.6
LYMPH%	39.4	32.3 - 46.5	33.0	28.4 - 37.6	26.2	23.1 - 29.4
MONO%	9.5	4.4 - 14.5	9.8	6.3 - 13.4	10.6	7.4 - 13.8
EO%	8.8	4.9 - 12.7	9.9	5.8 - 14.1	11.0	6.3 - 15.7
BASO%	5.5	2.6 - 8.4	6.1	3.2 - 9.0	7.0	3.7 - 10.3
NEUT# (10 <sup>9</sup> /L)	1.10	0.84 - 1.35	2.76	2.24 - 3.29	8.04	6.67 - 9.41
LYMPH# (10 <sup>9</sup> /L)	1.17	0.89 - 1.45	2.22	1.79 - 2.64	4.67	3.92 - 5.42
MONO# (10 <sup>9</sup> /L)	0.28	0.13 - 0.44	0.66	0.41 - 0.91	1.89	1.28 - 2.49
EO# (10 <sup>9</sup> /L)	0.26	0.14 - 0.38	0.67	0.37 - 0.96	1.96	1.10 - 2.82
BASO# (10 <sup>9</sup> /L)	0.16	0.07 - 0.26	0.41	0.20 - 0.61	1.25	0.65 - 1.85