



## HEMATOLOGY CONTROL FOR SYSMEX XS SERIES ANALYZERS

<b>Expiration Date:</b>	<b>2010-03-29</b>	<b>Quality Control Data Due Date #1:</b> 15-Feb-10		<b>Quality Control Data Due Date #2:</b> 29-Mar-10		
<b>Lot Number:</b>	00050801	00050802		00050803		
<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	2.15 - 2.33	4.32	4.19 - 4.45	5.24	5.08 - 5.40
HGB (g/dL)	5.6	5.4 - 5.8	12.2	11.8 - 12.6	16.0	15.5 - 16.5
HCT (%)	17.3	16.4 - 18.2	36.1	34.5 - 37.7	47.0	44.9 - 49.1
MCV (fL)	77.4	70.5 - 84.5	83.6	77.5 - 90.0	89.7	83.2 - 96.6
MCH (pg)	24.9	23.1 - 27.1	28.1	26.6 - 30.0	30.6	28.8 - 32.4
MCHC (g/dL)	32.2	29.6 - 35.4	33.6	31.4 - 36.4	34.1	31.6 - 36.7
PLT (10 <sup>9</sup> /L)	58	35 - 81	215	191 - 239	498	453 - 543
RDW-SD (fL)	47.3	42.6 - 52.0	45.6	41.0 - 50.2	46.1	41.5 - 50.7
RDW-CV (%)	17.2	15.5 - 18.9	15.5	14.0 - 17.1	14.8	13.3 - 16.3
MPV (fL)	8.9	8.2 - 9.6	9.3	8.7 - 9.9	9.5	8.9 - 10.1
WBC-C (10 <sup>9</sup> /L)	2.93	2.64 - 3.22	6.95	6.53 - 7.37	17.31	16.27 - 18.35
WBC-D (10 <sup>9</sup> /L)	2.96	2.66 - 3.26	7.04	6.62 - 7.46	17.55	16.50 - 18.60
NEUT%	38.6	30.9 - 46.3	41.0	34.9 - 47.2	44.9	38.2 - 51.6
LYMPH%	36.7	22.0 - 51.4	32.1	25.7 - 38.5	27.2	21.8 - 32.6
MONO%	10.1	2.0 - 18.2	10.5	4.2 - 16.8	10.5	7.4 - 13.7
EO%	9.1	6.4 - 11.8	10.3	7.2 - 13.4	10.4	7.8 - 13.0
BASO%	5.5	3.9 - 7.2	6.2	4.3 - 8.1	6.9	5.2 - 8.6
NEUT# (10 <sup>9</sup> /L)	1.14	0.91 - 1.37	2.89	2.46 - 3.32	7.88	6.70 - 9.06
LYMPH# (10 <sup>9</sup> /L)	1.09	0.65 - 1.53	2.26	1.81 - 2.71	4.78	3.82 - 5.74
MONO# (10 <sup>9</sup> /L)	0.30	0.06 - 0.54	0.74	0.30 - 1.18	1.85	1.30 - 2.41
EO# (10 <sup>9</sup> /L)	0.27	0.19 - 0.35	0.73	0.51 - 0.95	1.83	1.37 - 2.29
BASO# (10 <sup>9</sup> /L)	0.16	0.11 - 0.21	0.43	0.30 - 0.56	1.21	0.91 - 1.51