



## HEMATOLOGY CONTROL FOR SYSMEX XS SERIES ANALYZERS

<b>Expiration Date:</b>	<b>2010-09-13</b>	<b>Quality Control Data Due Date #1:</b> 2-Aug-10		<b>Quality Control Data Due Date #2:</b> 13-Sep-10		
<b>Lot Number:</b>	01730801	01730802		01730803		
<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)	2.27	2.18 - 2.36	4.33	4.20 - 4.46	5.29	5.13 - 5.45
HGB (g/dL)	5.8	5.6 - 6.0	12.0	11.6 - 12.4	16.3	15.8 - 16.8
HCT (%)	17.6	16.7 - 18.5	35.1	33.5 - 36.7	47.0	44.9 - 49.1
MCV (fL)	77.6	70.8 - 84.8	81.1	75.2 - 87.3	88.7	82.4 - 95.7
MCH (pg)	25.5	23.6 - 27.7	27.8	26.1 - 29.4	30.7	29.0 - 32.7
MCHC (g/dL)	32.8	30.1 - 36.1	34.2	31.7 - 36.9	34.6	32.2 - 37.4
PLT (10 <sup>9</sup> /L)	56	34 - 78	220	196 - 244	511	465 - 557
RDW-SD (fL)	46.0	41.4 - 50.6	45.1	40.6 - 49.6	46.0	41.4 - 50.6
RDW-CV (%)	16.5	14.9 - 18.2	15.7	14.1 - 17.3	14.9	13.4 - 16.4
MPV (fL)	9.1	8.4 - 9.8	9.5	8.9 - 10.1	9.8	9.2 - 10.4
WBC-C (10 <sup>9</sup> /L)	2.96	2.66 - 3.26	6.84	6.43 - 7.25	17.26	16.22 - 18.30
WBC-D (10 <sup>9</sup> /L)	3.01	2.71 - 3.31	6.98	6.56 - 7.40	17.62	16.56 - 18.68
NEUT%	39.4	31.5 - 47.3	41.2	35.0 - 47.4	45.5	38.7 - 52.3
LYMPH%	35.5	21.3 - 49.7	32.5	26.0 - 39.0	26.7	21.4 - 32.0
MONO%	9.7	1.9 - 17.5	10.2	4.1 - 16.3	10.3	7.2 - 13.4
EO%	9.5	6.7 - 12.4	10.2	7.1 - 13.3	10.6	8.0 - 13.3
BASO%	5.8	4.1 - 7.5	6.0	4.2 - 7.8	6.9	5.2 - 8.6
NEUT# (10 <sup>9</sup> /L)	1.19	0.95 - 1.43	2.87	2.44 - 3.30	8.01	6.81 - 9.21
LYMPH# (10 <sup>9</sup> /L)	1.07	0.64 - 1.50	2.27	1.82 - 2.72	4.69	3.75 - 5.63
MONO# (10 <sup>9</sup> /L)	0.29	0.06 - 0.52	0.71	0.28 - 1.14	1.82	1.27 - 2.37
EO# (10 <sup>9</sup> /L)	0.29	0.20 - 0.38	0.71	0.50 - 0.92	1.87	1.40 - 2.34
BASO# (10 <sup>9</sup> /L)	0.17	0.12 - 0.22	0.42	0.29 - 0.55	1.22	0.92 - 1.53