



## HEMATOLOGY CONTROL FOR SYSMEX XS SERIES ANALYZERS

<b>Expiration Date:</b>	<b>2010-07-19</b>		<b>Quality Control Data Due Date #1:</b>	7-Jun-10	<b>Quality Control Data Due Date #2:</b>	19-Jul-10
<b>Lot Number:</b>	01180801		01180802		01180803	
<b>Control:</b>	L1:Level 1		L2:Level 2		L3:Level 3	
<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	5.28	5.12 - 5.44
HGB (g/dL)	5.7	5.5 - 5.9	12.3	11.9 - 12.7	16.2	15.7 - 16.7
HCT (%)	17.4	16.5 - 18.3	36.0	34.4 - 37.6	47.4	45.3 - 49.5
MCV (fL)	77.9	71.0 - 85.0	83.4	77.3 - 89.8	89.8	83.2 - 96.7
MCH (pg)	25.5	23.5 - 27.6	28.4	26.8 - 30.2	30.7	28.9 - 32.6
MCHC (g/dL)	32.7	30.0 - 35.9	34.0	31.7 - 36.8	34.3	31.7 - 36.9
PLT (10 <sup>9</sup> /L)	54	32 - 76	213	190 - 236	498	453 - 543
RDW-SD (fL)	44.7	40.2 - 49.2	44.0	39.6 - 48.4	46.7	42.0 - 51.4
RDW-CV (%)	16.1	14.5 - 17.7	15.0	13.5 - 16.5	15.1	13.6 - 16.6
MPV (fL)	8.8	8.1 - 9.5	9.1	8.6 - 9.6	9.3	8.7 - 9.9
WBC-C (10 <sup>9</sup> /L)	2.93	2.64 - 3.22	7.01	6.59 - 7.43	17.41	16.37 - 18.45
WBC-D (10 <sup>9</sup> /L)	2.98	2.68 - 3.28	7.16	6.73 - 7.59	17.80	16.73 - 18.87
NEUT%	37.6	30.1 - 45.1	40.8	34.7 - 46.9	44.7	38.0 - 51.4
LYMPH%	37.1	22.3 - 51.9	32.7	26.2 - 39.2	27.0	21.6 - 32.4
MONO%	10.6	2.1 - 19.1	10.5	4.2 - 16.8	10.5	7.4 - 13.7
EO%	9.1	6.4 - 11.8	10.0	7.0 - 13.0	10.8	8.1 - 13.5
BASO%	5.6	3.9 - 7.3	6.0	4.2 - 7.8	6.9	5.2 - 8.6
NEUT# (10 <sup>9</sup> /L)	1.12	0.90 - 1.34	2.92	2.48 - 3.36	7.95	6.76 - 9.14
LYMPH# (10 <sup>9</sup> /L)	1.11	0.67 - 1.55	2.34	1.87 - 2.81	4.81	3.85 - 5.77
MONO# (10 <sup>9</sup> /L)	0.32	0.06 - 0.58	0.75	0.30 - 1.20	1.88	1.32 - 2.44
EO# (10 <sup>9</sup> /L)	0.27	0.19 - 0.35	0.71	0.50 - 0.92	1.93	1.45 - 2.41
BASO# (10 <sup>9</sup> /L)	0.17	0.12 - 0.22	0.43	0.30 - 0.56	1.23	0.92 - 1.54