



### HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

<b>Expiration Date:</b>	<b>2019-09-02</b>		<b>Quality Control Data Due Date #1: 22-Jul-19</b>		<b>Quality Control Data Due Date #2: 02-Sep-19</b>	
<b>Lot Number:</b>	91650810		91650811		91650812	
<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)	2.23	2.12 - 2.34	4.30	4.13 - 4.47	5.28	5.07 - 5.49
HGB (g/dL)	5.4	5.1 - 5.7	11.7	11.2 - 12.1	16.3	15.6 - 16.9
HCT (%)	16.9	15.7 - 18.1	34.9	32.8 - 37.0	47.4	44.6 - 50.2
MCV (fL)	75.8	70.5 - 81.1	81.2	76.3 - 86.1	89.8	84.4 - 95.2
MCH (pg)	24.1	22.4 - 25.8	27.2	25.6 - 28.8	30.8	29.3 - 32.3
MCHC (g/dL)	31.8	28.6 - 35.0	33.5	30.8 - 36.2	34.3	31.6 - 37.0
PLT (10 <sup>9</sup> /L)	57	40 - 74	225	198 - 252	530	477 - 583
RDW-SD (fL)	48.5	42.7 - 54.3	45.2	39.3 - 51.1	44.5	38.3 - 50.7
RDW-CV (%)	17.7	15.4 - 20.0	15.7	14.1 - 17.3	14.2	12.6 - 15.8
MPV (fL)	9.0	7.7 - 10.3	9.4	8.6 - 10.2	9.6	8.9 - 10.3
WBC-C (10 <sup>9</sup> /L)	2.99	2.66 - 3.32	6.85	6.23 - 7.47	18.31	16.85 - 19.77
WBC-D (10 <sup>9</sup> /L)	2.90	2.61 - 3.19	6.58	5.99 - 7.17	17.56	16.16 - 18.96
NEUT%	37.1	30.8 - 43.4	40.0	34.8 - 45.2	44.4	39.1 - 49.7
LYMPH%	39.3	32.2 - 46.4	35.3	30.4 - 40.2	29.1	25.6 - 32.6
MONO%	9.1	4.3 - 13.9	9.4	6.0 - 12.8	9.5	6.7 - 12.4
EO%	8.7	4.9 - 12.5	9.5	5.5 - 13.5	10.0	5.7 - 14.3
BASO%	5.7	2.7 - 8.7	5.8	3.0 - 8.6	7.0	3.7 - 10.3
NEUT# (10 <sup>9</sup> /L)	1.08	0.83 - 1.33	2.64	2.14 - 3.14	7.80	6.47 - 9.13
LYMPH# (10 <sup>9</sup> /L)	1.14	0.87 - 1.41	2.33	1.89 - 2.77	5.11	4.29 - 5.93
MONO# (10 <sup>9</sup> /L)	0.27	0.12 - 0.42	0.62	0.38 - 0.86	1.67	1.14 - 2.20
EO# (10 <sup>9</sup> /L)	0.25	0.14 - 0.37	0.62	0.35 - 0.89	1.75	0.98 - 2.52
BASO# (10 <sup>9</sup> /L)	0.17	0.07 - 0.27	0.38	0.19 - 0.57	1.23	0.64 - 1.82