



### HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

| Expiration Date:            | 2019-09-02 |                | Quality Control<br>Data Due Date #1: |                | 22-Jul-19  | Quality Control<br>Data Due Date #2: |      | 02-Sep-19      |
|-----------------------------|------------|----------------|--------------------------------------|----------------|------------|--------------------------------------|------|----------------|
| Lot Number:                 | 91640810   |                | 91640811                             |                | 91640812   |                                      |      |                |
| Control:                    | L1:Level 1 |                | L2:Level 2                           |                | L3:Level 3 |                                      |      |                |
| PARAMETERS                  | MEAN       | EXPECTED RANGE | MEAN                                 | EXPECTED RANGE | MEAN       | EXPECTED RANGE                       | MEAN | EXPECTED RANGE |
| RBC (10 <sup>12</sup> /L)   | 2.33       | 2.21 - 2.45    | 4.35                                 | 4.18 - 4.52    | 5.27       | 5.06 - 5.48                          |      |                |
| HGB (g/dL)                  | 5.6        | 5.2 - 5.9      | 11.9                                 | 11.4 - 12.4    | 16.2       | 15.6 - 16.9                          |      |                |
| HCT (%)                     | 17.4       | 16.2 - 18.6    | 35.3                                 | 33.2 - 37.4    | 46.9       | 44.1 - 49.7                          |      |                |
| MCV (fL)                    | 74.7       | 69.5 - 79.9    | 81.1                                 | 76.2 - 86.0    | 89.0       | 83.7 - 94.3                          |      |                |
| MCH (pg)                    | 23.9       | 22.2 - 25.6    | 27.3                                 | 25.7 - 28.9    | 30.8       | 29.3 - 32.3                          |      |                |
| MCHC (g/dL)                 | 32.1       | 28.9 - 35.3    | 33.7                                 | 31.0 - 36.4    | 34.6       | 31.8 - 37.4                          |      |                |
| PLT (10 <sup>9</sup> /L)    | 60         | 43 - 77        | 224                                  | 197 - 251      | 514        | 463 - 565                            |      |                |
| RDW-SD (fL)                 | 45.5       | 40.0 - 51.0    | 46.4                                 | 40.4 - 52.4    | 43.2       | 37.2 - 49.2                          |      |                |
| RDW-CV (%)                  | 17.0       | 14.8 - 19.2    | 16.1                                 | 14.5 - 17.7    | 13.9       | 12.4 - 15.4                          |      |                |
| MPV (fL)                    | 9.0        | 7.7 - 10.3     | 9.3                                  | 8.5 - 10.1     | 9.5        | 8.8 - 10.2                           |      |                |
| WBC-C (10 <sup>9</sup> /L)  | 3.10       | 2.76 - 3.44    | 7.01                                 | 6.38 - 7.64    | 18.65      | 17.16 - 20.14                        |      |                |
| WBC-D (10 <sup>9</sup> /L)  | 3.04       | 2.74 - 3.34    | 6.79                                 | 6.18 - 7.40    | 18.14      | 16.69 - 19.59                        |      |                |
| NEUT%                       | 37.0       | 30.7 - 43.3    | 40.5                                 | 35.2 - 45.8    | 45.1       | 39.7 - 50.5                          |      |                |
| LYMPH%                      | 39.7       | 32.6 - 46.8    | 34.1                                 | 29.3 - 38.9    | 28.2       | 24.8 - 31.6                          |      |                |
| MONO%                       | 9.3        | 4.4 - 14.2     | 9.9                                  | 6.3 - 13.5     | 9.6        | 6.7 - 12.5                           |      |                |
| EO%                         | 8.5        | 4.8 - 12.2     | 9.3                                  | 5.4 - 13.2     | 10.2       | 5.8 - 14.6                           |      |                |
| BASO%                       | 5.5        | 2.6 - 8.4      | 6.2                                  | 3.2 - 9.2      | 6.9        | 3.7 - 10.1                           |      |                |
| NEUT# (10 <sup>9</sup> /L)  | 1.12       | 0.86 - 1.38    | 2.75                                 | 2.23 - 3.27    | 8.18       | 6.79 - 9.57                          |      |                |
| LYMPH# (10 <sup>9</sup> /L) | 1.21       | 0.92 - 1.50    | 2.32                                 | 1.88 - 2.76    | 5.12       | 4.30 - 5.94                          |      |                |
| MONO# (10 <sup>9</sup> /L)  | 0.28       | 0.13 - 0.43    | 0.67                                 | 0.42 - 0.92    | 1.73       | 1.18 - 2.28                          |      |                |
| EO# (10 <sup>9</sup> /L)    | 0.26       | 0.14 - 0.38    | 0.63                                 | 0.35 - 0.91    | 1.86       | 1.04 - 2.68                          |      |                |
| BASO# (10 <sup>9</sup> /L)  | 0.17       | 0.07 - 0.27    | 0.42                                 | 0.21 - 0.63    | 1.26       | 0.66 - 1.86                          |      |                |