

**Table 35: Linearity and linear working range of six standard curves of candesartan data based on the calculated area ratio.**

| Calibration Curve # | AUC Ratio for Standard Point |       |        |        |        |        |         |
|---------------------|------------------------------|-------|--------|--------|--------|--------|---------|
|                     | 10.00                        | 25.00 | 75.00  | 250.00 | 400.00 | 600.00 | 1000.00 |
| 1                   | 0.059                        | 0.104 | 0.255  | 0.796  | 1.350  | 1.923  | 2.727   |
| 2                   | 0.062                        | 0.108 | 0.298  | 1.007  | 1.560  | 2.256  | 3.384   |
| 3                   | 0.071                        | 0.122 | 0.327  | 0.943  | 1.477  | 2.396  | 3.546   |
| 4                   | 0.068                        | 0.121 | 0.288  | 0.844  | 1.464  | 2.161  | 3.197   |
| 5                   | 0.059                        | 0.108 | 0.251  | 0.854  | 1.417  | 2.120  | 3.071   |
| 6                   | 0.064                        | 0.103 | 0.253  | 0.738  | 1.248  | 1.792  | 2.693   |
| Mean                | 0.064                        | 0.111 | 0.279  | 0.864  | 1.419  | 2.108  | 3.103   |
| STD                 | 0.005                        | 0.008 | 0.031  | 0.098  | 0.109  | 0.220  | 0.345   |
| CV%                 | 7.814                        | 7.585 | 11.005 | 11.330 | 7.668  | 10.444 | 11.109  |
| Min                 | 0.059                        | 0.103 | 0.251  | 0.738  | 1.248  | 1.792  | 2.693   |
| Max                 | 0.071                        | 0.122 | 0.327  | 1.007  | 1.560  | 2.396  | 3.546   |

**Table 36: Raw data of six standard curves with regards to correlation, slope, R<sup>2</sup>, and intercept for candesartan.**

| Correlation (R) | Slope    | R <sup>2</sup> | Intercept |
|-----------------|----------|----------------|-----------|
| 0.9970          | 0.003147 | 0.994041       | +0.074384 |