**Table 42: Candesartan QC high samples stability at (RT C°) temperature**

| QC High ( 800 ng/ml ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | AUC Drug | AUC IS | Ratios | Measured Conc. | Mean Measured | Accuracy% | Stability |
| 0.00 Hour | 132859 | 49836 | 2.666 | 786.750 | 812.733 | 98.34 | 100.00 |
| | 133477 | 48306 | 2.763 | 815.833 | | 101.98 | |
| | 146874 | 51913 | 2.829 | 835.615 | | 104.45 | |
| 24.00 Hours | 130755 | 49836 | 2.624 | 796.483 | 794.742 | 99.56 | 97.79 |
| | 129501 | 50030 | 2.588 | 785.688 | | 98.21 | |
| | 139444 | 52783 | 2.642 | 802.054 | | 100.26 | |

**Table 43: Calibration curve for QC samples showing candesartan stability autosampler procedure at RT°C.**

| Theoritical conc. ng/ml | Drug Area | IS Area | Ratio | Measured Conc. | Accuracy |
|---|---|---|---|---|---|
| 10.00 | 3026 | 51374 | 0.059 | 9.949 | 99.49 |
| 25.00 | 5304 | 49101 | 0.108 | 25.009 | 100.04 |
| 75.00 | 12325 | 49027 | 0.251 | 68.976 | 91.97 |
| 250.00 | 42709 | 50008 | 0.854 | 253.792 | 101.52 |
| 400.00 | 74130 | 52329 | 1.417 | 426.317 | 106.58 |
| 600.00 | 103724 | 48916 | 2.120 | 642.156 | 107.03 |
| 1000.00 | 153889 | 50103 | 3.071 | 933.800 | 93.38 |

Ratio= drug area/IS area, Measured conc.= (ratio/0.00326)-(+0.0265)

Function is $Y = 0.00326X + 0.0265$ ($R= 0.9977$ )

**Table 44: Raw data of six standard curves with regards to correlation, slope, $R^2$, and intercept for candesartan.**

| Correlation (R) | Slope | $R^2$ | Intercept |
|---|---|---|---|
| 0.9977 | 0.00326 | 0.9954 | +0.145 |