

Table 38: candesartan QC high samples stability autosampler procedure at 4 C°.

QC High (800.00)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	120410	44924	2.680	791.043	786.073	98.88	96.72
	131163	49505	2.649	781.827		97.73	
	126637	47586	2.661	785.348		98.17	

Table 39: Calibration curve for QC samples showing 4 C° stability for candesartan.

Theoretical conc. ng/ml	Drug Area	IS Area	Ratio	Measured Conc.	Accuracy
10.00	3491	50980	0.068	9.495	94.95
25.00	5945	49079	0.121	25.251	101.00
75.00	14595	50734	0.288	75.088	100.12
250.00	41611	49316	0.844	241.489	96.60
400.00	75282	51407	1.464	427.222	106.81
600.00	113250	52400	2.161	635.725	105.95
1000.00	170741	53403	3.197	945.729	94.57

Ratio= drug area/IS area, Measured conc.= (ratio/0.00334)-(+0.0367)

Function is $Y = 0.00334X + 0.0367$ (R= 0.9982)

Table 40: Raw data of six standard curves with regards to correlation, slope, R², and intercept for candesartan.

Correlation (R)	Slope	R ²	Intercept
0.9982	0.00334	0.9964	+0.0367