

Table 46: The accuracy of three standard curves of candesartan showing freeze and thaw stability of QC high.

QC High (800ng/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	
3 Cycles	115084	49559	2.322	813.097	797.785	101.64	98.16
	112334	50308	2.233	781.362		97.67	
	111960	49057	2.282	798.897		99.86	

Table 47: Calibration curve for QC samples showing freeze and thaw stability for candesartan.

Theoretical conc. ng/ml	Drug Area	IS Area	Ratio	Measured Conc.	Accuracy%
10.00	2967	46208	0.064	9.704	97.04
25.00	4888	47348	0.103	23.590	94.36
75.00	13471	53221	0.253	76.920	102.56
250.00	37842	51308	0.738	249.280	99.71
400.00	62981	50454	1.248	431.006	107.75
600.00	88918	49622	1.792	624.428	104.07
1000.00	131982	49008	2.693	945.071	94.51

Ratio= drug area/IS area, Measured conc.= (ratio/0.00281)-(+0.0369)

Function is $Y = 0.00281X + 0.0369$ (R= 0.9984)

Table 48: Raw data of six standard curves with regards to correlation, slope, R², and intercept for candesartan.

Correlation (R)	Slope	R ²	Intercept
0.9984	0.00281	0.9968	+0.0369