



Figure 8: The plot of QC samples against a calibration curve, obtained from freshly spiked calibration standard, showing candesartan stability autosampler procedure at Room temp.

Regarding the freeze and thaw stability: the QC samples are stored and frozen in the freezer at the intended temperature and thereafter thawed at room or processing temperature. After complete thawing, samples are refrozen again applying the same conditions. At each cycle, samples should be frozen for at least 12 hours before they are thawed. The accuracy for QC low and high after 3 cycles is within the accepted range which is 85-115%, table 45 and 46.

**Table 45: The accuracy of three standard curves of candesartan showing freeze and thaw stability of QC low.**

QC Low (30 ng/ml)							
Time	AUC Drug	AUC IS	Ratios	Measured Conc.	Mean Measured	Accuracy%	Stability
0.00 Hour	7032	50172	0.140	30.945	30.663	103.15	100.00
	6893	51216	0.135	29.281		97.60	
	7501	52499	0.143	31.763		105.88	
3 Cycles	6236	49732	0.125	31.475	30.596	104.92	99.78
	5653	47407	0.119	29.281		97.60	
	6002	48347	0.124	31.031		103.44	