3.2.4.6 Calibration curve 6

Table 3.41 Calibration curve data of autosampler test of stability.

Theoritical conc. (ng/ml)	Propranolol Area	Sildenafil Area	Ratio	Measured Conc.	Accuracy %
50	1249	123202	0.010	57.133	114.27
100	2924	123509	0.024	99.283	99.28
200	5843	124510	0.047	171.689	85.84
500	18637	125684	0.148	487.291	97.46
1000	40384	125700	0.321	1025.937	102.59
2000	80293	125614	0.639	2015.902	100.80
3000	109707	115126	0.953	2992.772	99.76

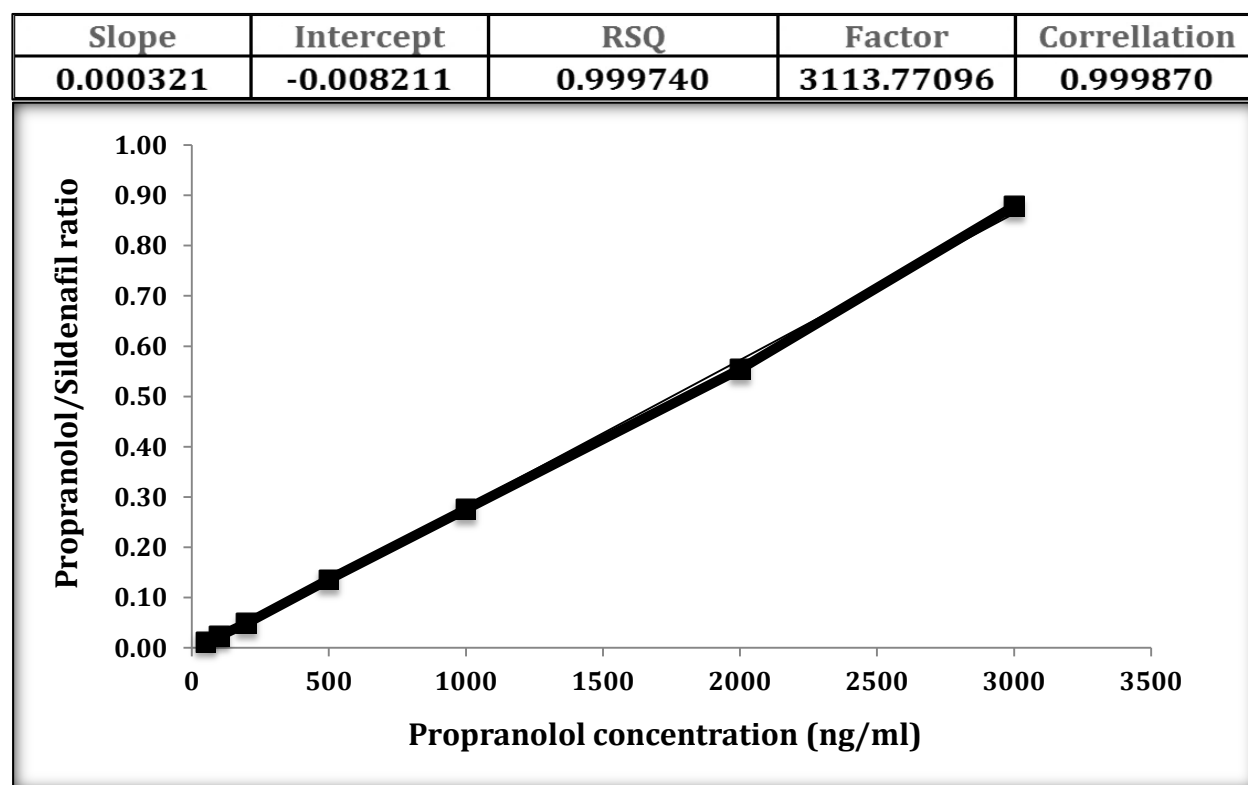| Slope	Intercept	RSQ	Factor	Correllation
0.000321	-0.008211	0.999740	3113.77096	0.999870

Figure 3.13 Autosampler stability test calibration curve of propranolol in serum.

Measured Conc. = (Ratio +0.008211)/ 0.000321
Function is Y = 0.000321X-0.008211(R^2= 0.999740).