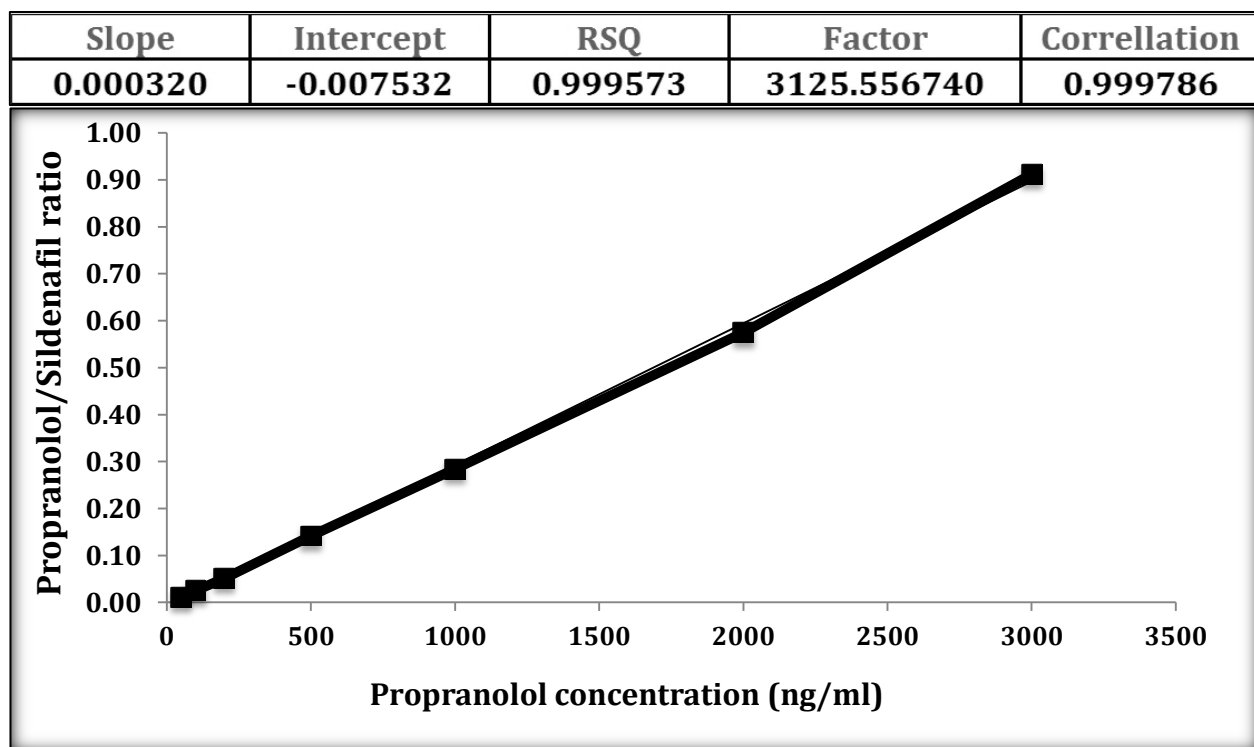### 3.2.4.5 Calibration curve 5

Table 3.40 Calibration curve data of bench-top test of stability.

Theoritical conc. (ng/ml)	Propranolol Area	Sildenafil Area	Ratio	Measured Conc.	Accuracy %
50	1331	124691	0.0107	56.904	113.81
100	2672	114670	0.0233	96.372	96.37
200	5921	124954	0.0474	171.647	85.82
500	19088	124566	0.1532	502.489	100.50
1000	40808	125700	0.3246	1038.240	103.82
2000	79345	124735	0.6361	2011.734	100.59
3000	107927	114386	0.9435	2972.608	99.09

Slope	Intercept	RSQ	Factor	Correllation
0.000320	-0.007532	0.999573	3125.556740	0.999786

Figure 3.12 Bench-top stability test calibration curve of propranolol in serum.

Measured Conc. = (Ratio +0.007532)/ 0.000320
Function is Y = 0.000320X-0.007532 (R^2= 0.999573)