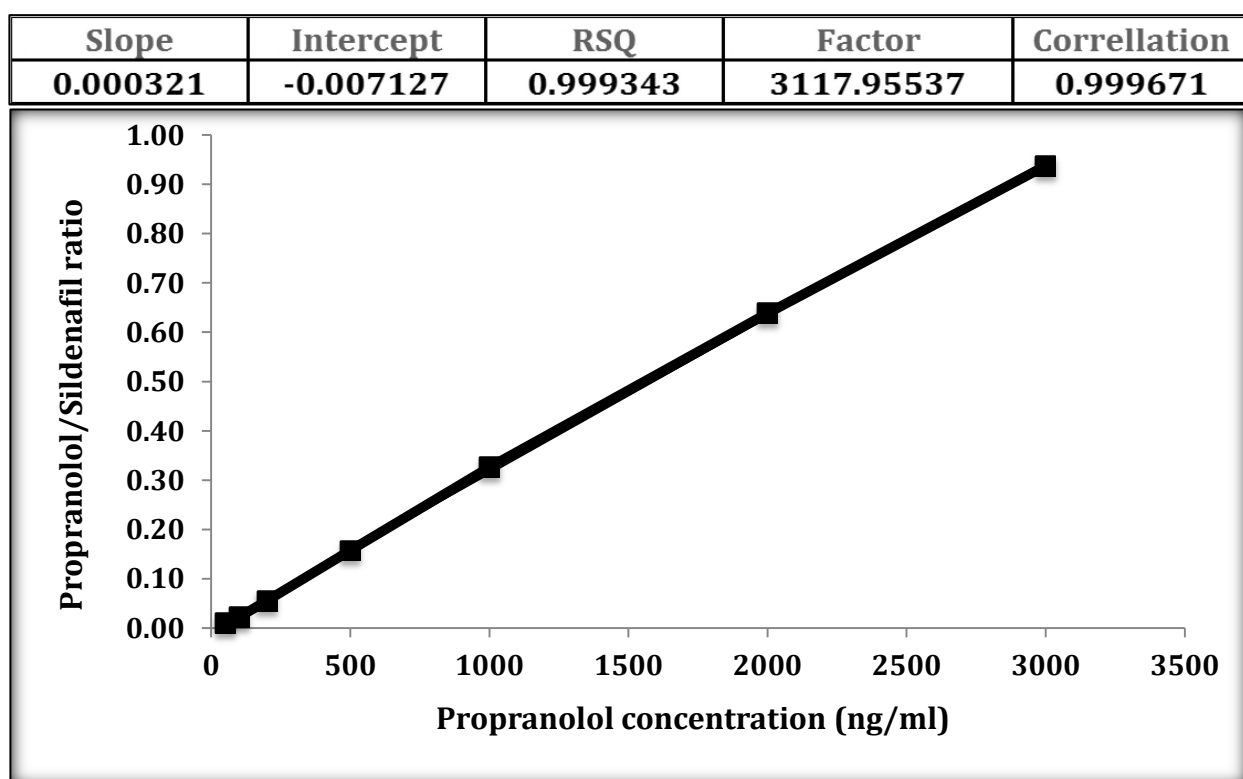


### 3.2.4.4 Calibration curve 4

**Table 3.39** Calibration curve data of freeze-thaw test of stability.

Theoretical conc. (ng/ml)	Propranolol Area	Sildenafil Area	Ratio	Measured Conc.	Accuracy %
50	1058	107749	0.0098	52.836	105.67
100	1859	83997	0.0221	91.226	91.23
200	7177	129276	0.0555	195.320	97.66
500	18972	120356	0.1576	513.711	102.74
1000	40891	125378	0.3261	1039.116	103.91
2000	76271	119531	0.6381	2011.743	100.59
3000	101532	108273	0.9377	2946.054	98.20



**Figure 3.11** Freeze-thaw stability test calibration curve of propranolol in serum.

Measured Conc. = (Ratio +0.007127)/ 0.000321  
 Function is  $Y = 0.000321X - 0.007127$  ( $R^2 = 0.999343$ ).