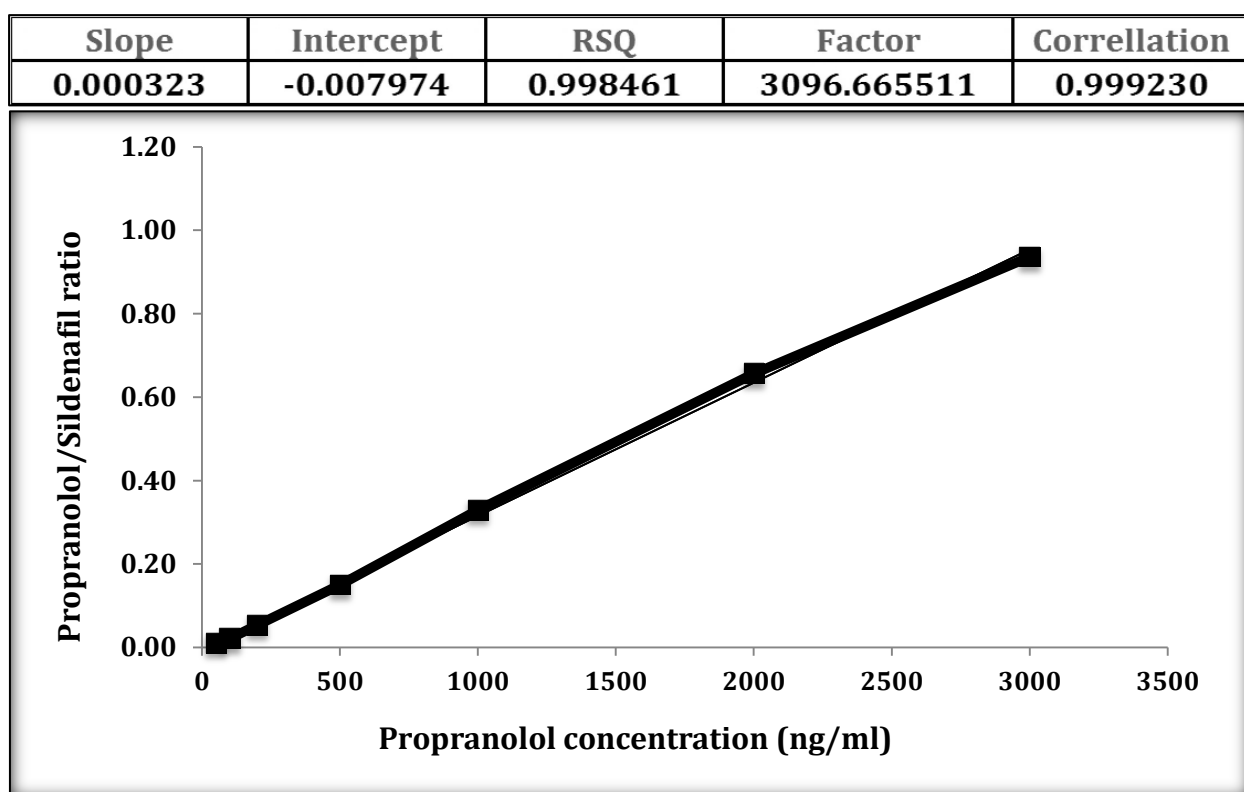


### 3.2.4.1 Calibration curve 1

**Table 3.36** Calibration curve data of intra-day one of validation.

Theoretical conc. (ng/ml)	Propranolol Area	Sildenafil Area	Ratio	Measured Conc.	Accuracy %
50	1355	131945	0.0103	56.493	112.99
100	2749	131045	0.0210	89.652	89.65
200	7050	132634	0.0532	189.292	94.65
500	18503	123242	0.1501	489.612	97.92
1000	41271	125214	0.3296	1045.365	104.54
2000	84902	129415	0.6560	2056.242	102.81
3000	111972	119621	0.9361	2923.346	97.44



**Figure 3.8** Intra-day one calibration curve of propranolol in serum.

Measured Conc. = (Ratio +0.007974)/ 0.000323  
 Function is  $Y = 0.000323X - 0.007974$  ( $R^2 = 0.998461$ ).