

Table 3.15. RSD% for all calibration points of atorvastatin in plasma

Concentration (mg/ml)	Average area	RSD%
0.5	2082253	0.43
0.75	3128114	0.27
1	4201291	0.52
1.25	5123565	0.35
1.5	6197243	0.18

### 3.6 Accuracy

In order to estimate the accuracy of the method, three samples at three different concentrations levels 0.5, 1, and 1.5 mg/ml were analyzed and calculated from a standard curve. The %recovery is calculated for each drug concentration and was found to be between 98-102% (Table 3.16, 3.17, 3.18). The profiles of the three different concentrations revealed a direct relationship of peak height and concentration (Fig. 3.13).

Table 3.16. Accuracy for the determination of amlodipine

Concentration (mg/ml)	Average area	RSD%	Assay%
0.5	1208005	0.26	98.4
1.0	251066	0.08	99.7
1.5	360482	0.38	99.3

Table 3.17. Accuracy for the determination of glimepiride

Concentration (mg/ml)	Average area	RSD%	Assay%
0.5	135652	0.62	99.2
1.0	269049	0.47	100.2
1.5	387549	0.71	100.5