

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