

Table 3.7. Precision of the analytical method for a sample containing one concentration of the three drugs. (conc. =0.05)

| Sample# | Amlodipine | Glimepiride | Atorvastatin |
|---------|------------|-------------|--------------|
| 1 | 215040 | 264919 | 220871 |
| 2 | 214892 | 264942 | 221911 |
| 3 | 214446 | 265823 | 221898 |
| 4 | 215319 | 264723 | 221450 |
| 5 | 215215 | 265972 | 220945 |
| 6 | 214436 | 264986 | 221278 |
| Average | 214891 | 265228 | 221392 |
| RSD% | 0.06 | 0.07 | 0.07 |
| Assay% | 100.5 | 99.2 | 100.6 |

Table 3.8. Precision of the analytical method for a plasma-containing amlodipine, atorvastatin and glimepiride (conc. =0.08, 0.4, 0.1 respectively)

| Sample# | Amlodipine | Glimepiride | Atorvastatin |
|---------|------------|-------------|--------------|
| 1 | 866750 | 1308602 | 4052512 |
| 2 | 867785 | 1293008 | 3995239 |
| 3 | 870363 | 1306931 | 4049627 |
| 4 | 870039 | 1301000 | 4039958 |
| 5 | 869869 | 1299840 | 4028456 |
| 6 | 870340 | 1300983 | 3998235 |
| Average | 869191 | 1301727 | 4027338 |
| RSD% | 0.16 | 0.42 | 0.62 |
| Assay% | 101.2 | 99.8 | 100.1 |