**8. SUMMARY**

**SUMMARY OF ROSUVASTAIN**:

**Table 21: Summary of validation data for Rosuvastain**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **PARAMETER** | **RESULT** | **ACCEPTENCE CRITERIA** |
| **1** | System suitability  Theoretical plates  Asymmetry  Retention time  %RSD | 6829  1.07  3.028  0.4 | Not less than 2500  Not more than2  Not more than 2% |
| **2** | Specificity   1. Blank interference 2. Placebo interference | Specific | Specific |
| **3** | Method precision(%RSD) | 0.23 | Not more than 2.0% |
| **4** | Linearity parameter  Slope  Intercept  Correlation coefficient(r2) | 50-150 mcg/ml  0.999 | Not less than 0.999 |
| **5** | Accuracy  (Mean % recovery)  50%  100%  150% | 100%  100%  100% | 98.00 – 102.00% |
| **6** | Robustness   1. Flow rate variation 2. Temperature variation | All the system suitability parameters are within the limits. |  |

**SUMMARY OF FENOFIBRATE:**

**Table 22: Summary of validation data for Fenofibrate**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **PAAMETER** | **RESULT** | **ACCEPTENCE CRITERIA** |
| 1 | System suitability  Theoretical plates  Asymmetry  Retention time  %RSD | 12565  1.34  4.024  1.0 | Not less than 2000  Not more than 2  Not more than 2 |
| 2 | Specificity   1. Blank interference 2. Placebo interference | Specific | Specific |
| 3 | Method precision(%RSD) | 0.14 | Not more than 2.0% |
| 4 | Linearity parameter  Slope  Intercept  Correlation coefficient(r2) | 50-150 mcg/ml  0.999 | Not less than 0.999 |
| 5 | Accuracy  (Mean % recovery)  50%  100%  150% | 101  100  100 | 98 - 102% |
| 6 | Robustness   1. Flow rate variation 2. Temperature variation | All the system suitability parameters are within the limits. |  |