**6.INSTRUMENTS/EQUIPMENT USED**

**Instruments:**

* WATERS HPLC, Model: Waters 2695, Photo diode array detector (PDA), with an automated sample injector. The output signal was monitored and integrated using Empower 2 software. THERMO HYPERSIL, C8, 250cmx4.6mm, 5µm column was used for separations.

**List of Equipmets**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **Equipment’s** | **Model** | **Company** |
| 1 | Electronic Balance | ER200A | ASCOSET |
| 2 | Ultra-Sonicator | SE60US | ENERTECH |
| 3 | Heating Mantle | BTI | BIO TECHNICS INDIA |
| 4 | Thermal oven | --------- | NARANG |
| 5 | pH Meter | AD102U | ADWA |
| 6 | Filter Paper 0.45 microns | --------- | MILLI PORE |

**CHEMICALS AND REAGENTS USED**

**Table no.1: List of chemicals and reagents used**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Chemicals/standards and reagents** | **Grade** | **Make** |
| 1 | K2HPO4 | AR | Finar |
| 2 | Methanol | HPLC | Merck |
| 3 | Water | HPLC | Loba Chemi |
| 4 | Di-Potassium hydrogen phosphate | AR | Hetero |
| 5 | Rosuvastatin | NA | Hetero |
| 6 | Fenofibrete | NA | Hetero |