

## Materials

1. Diacerein 50 mg capsule manufactured by Madaus GmbH, Germany for TRB Chemedica. Batch No.: B1002969.
2. Glucosamine 500 mg capsule manufactured by Bicon, India Batch No.: B-06030302/160.
3. Candesartan cilexetil manufactured by AOPHARM, USP grade, purity  $\geq 99\%$ , Batch No.: C-2103.
4. Rhein manufactured by Chemtos Custom synthesis, purity 100%, Batch No.: RS-1021-B(F).
5. Equipment and Reagents:
  - a. An HPLC auto-sampler system of Agilent technologies was used to perform the analysis of the samples. It was composed of the following:
    - i. A constant solvent delivery system (G1310A).
    - ii. A 100  $\mu\text{L}$  fixed volume injector (Rheodyne 7125).
    - iii. Florescence detector (FLD G1321A), Ext. = 440 nm, Emi. =520 nm.
    - iv. Autosampler (ALS-G1329A).
    - v. Computer system, Microsoft windows XP.
    - vi. Hypersil thermo electron corporation, C18, 15 cm, 4.6 mm, 5  $\mu\text{m}$ .
  - b. Methanol HPLC grade (Chromanorm).