

BAB III

BAHAN DAN ALAT

III.1 Bahan

Glimepirid (PT. Kimia Farma Tbk), Polivinilpirolidon K-30 (PT. Mega setia), methanol p.a, etanol p.a, KH_2PO_4 , NaOH, air suling.

III.2 Alat

Spektrofotometer UV-Vis(Shimadzu UV-Mini 1240), DSC-TGA (STA PT1600, Linseis Thermal Analysis), Difraktometer Sinar-X serbuk (Bruker D8 Advance), *Scanning Electron Microscope*, Alat Uji Disolusi tipe 2(Dissolution Tester Vanguard Lid-6), pH meter (Metler Toledo seven Compact S220), *Shacker Water Bath* (Type SWB-22) Timbangan Analitik, *vortex mixer*, spatula, batang pengaduk, *microtube* (Eppendorf), *magnetic stirrer*, *hot plate*, pipet tetes, pipet volume, buret, vial gelas, breaker glass, dan alat gelas lainnya.