ABBREVIATIONS

The abbreviations used in this thesis are listed below:

- AAE — Ascorbic acid equivalent
- AAS — Atomic Absorption Spectroscopy
- ABTS — 2,2'-azino-bis(3-ethylbenzothiazoline-6-sulphonic acid
- A_c — Activity of Control
- AD — Alzheimer's Disease
- AMD — Age related macular degeneration
- A_t — Activity of Test sample
- AuNP — Au Nano particle
- BHT — Butylated Hydroxy Toluene
- BS-AuNP — Bursera serrata Au nano particle
- CVD — Cardio vascular disorder
- DPPH — 2,2-Diphenyl-1-picrylhydrazyl
- GAE — Gallic acid equivalent
- HD — Huntington's disease
- HPLC — High performance liquid chromatography
- IC_{50} — Inhibitory concentration at 50%
- MNP — Metal nano particle
- PD — Parkinson's disease
- QE — Quercetin equivalent
- RE — Rutin equivalent
- RE-AuNP — Rhynchotechum ellipticum-Au nano particle
- SAED — Selected area electron diffraction
- SEM — Standard error mean
- SPR — Surface Plasmon Resonance

- ➢ TEM   Transmission electron microscopy
- ➢ UV   Ultra violet