

## Appendix II

### Preparation of TLC plate.

To a 5 g of silica gel, 12 ml of water was added and the mixture was shaken vigorously for 15 seconds or until thoroughly dispersed. The slurry was uniformly spread, using moving hopper spreader for thin layer chromatography techniques, on a glass plate of 10 x 10 cm size. The plate was allowed to stand on a level surface for at least 10 minutes at room temperature to dry. The TLC plates were made in advance and were stored in an air-tight tin container after drying. Before using the plate, it was activated by heating at 100 to 110° C for one hour.