

LIST OF TABLES

Table 4.1	FTIR data and assignment for Complex 1
Table 4.2	The μ_{eff} values for Complex 1 used for the calculation of μ_{eff}
Table 4.3	FTIR data and assignment for $[\text{Cu}_2(p\text{-HOC}_6\text{H}_4\text{COO})_4]\cdot 8\text{H}_2\text{O}$
Table 4.4	DSC data and assignment for Complex 2
Table 4.5	The μ_{eff} values for Complex 2 used for the calculation of μ_{eff}
Table 4.6	The μ_{eff} values (per Cu(II)) of Complex 2 and its starting materials
Table 4.7	FTIR data and assignment for Complex 3
Table 4.8	DSC data and assignment for Complex 3
Table 4.9	The μ_{eff} values for Complex 3 used for the calculation of μ_{eff}
Table 4.10	DSC data and assignment for Complex 4
Table 4.11	The μ_{eff} values for Complex 4 used for the calculation of μ_{eff}
Table 4.12	DSC data and assignment for Complex 5
Table 4.13	The μ_{eff} values for Complex 5 used for the calculation of μ_{eff}
Table 4.14	DSC data and assignment for Complex 6
Table 4.15	The μ_{eff} values for Complex 6 used for the calculation of μ_{eff}
Table 4.16	DSC data and assignment for Complex 7
Table 4.17	The μ_{eff} values used to calculate μ_{eff} for Complex 7
Table 4.18	DSC data and assignment for Complex 8
Table 4.19	DSC data and assignment for Complex 9
Table 4.20	GC data of main components in A1 and A2
Table 4.21	GC data of main components in B1 and B2
Table 5.1	The structural formula of the complexes