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# APPENDICES

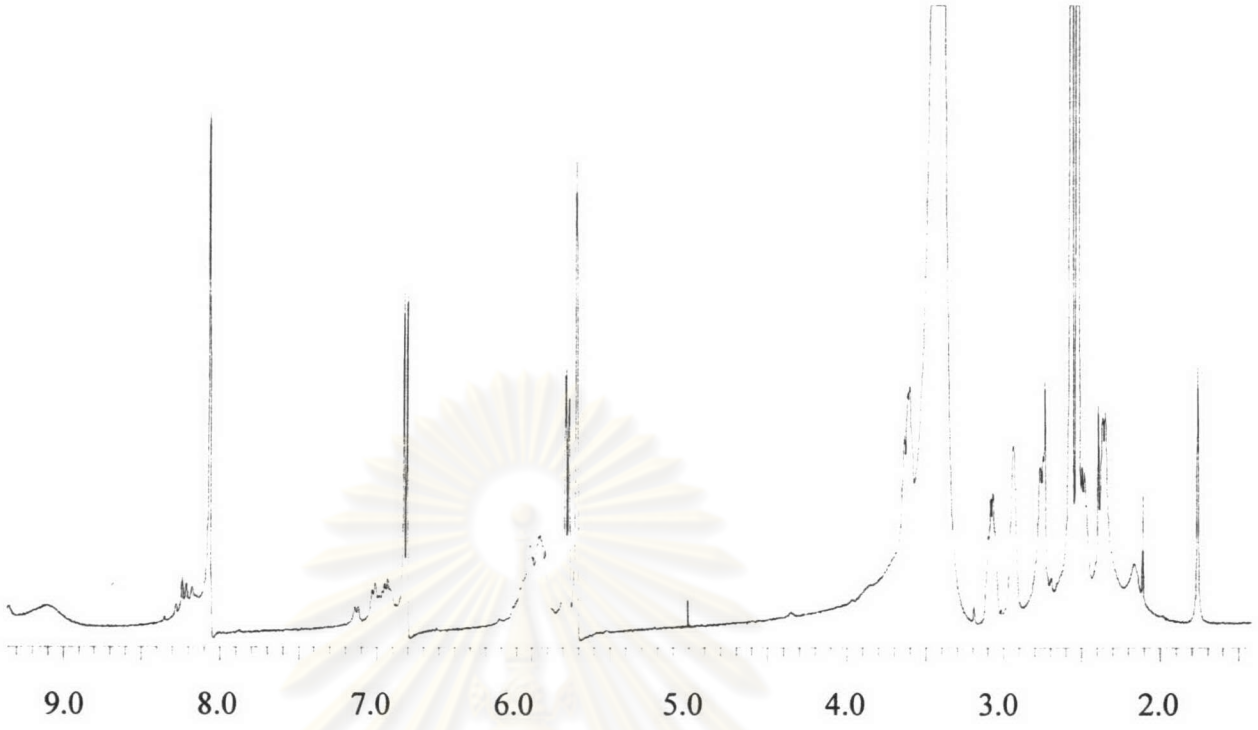


**Figure A.1** $^{1}H$ NMR of salts

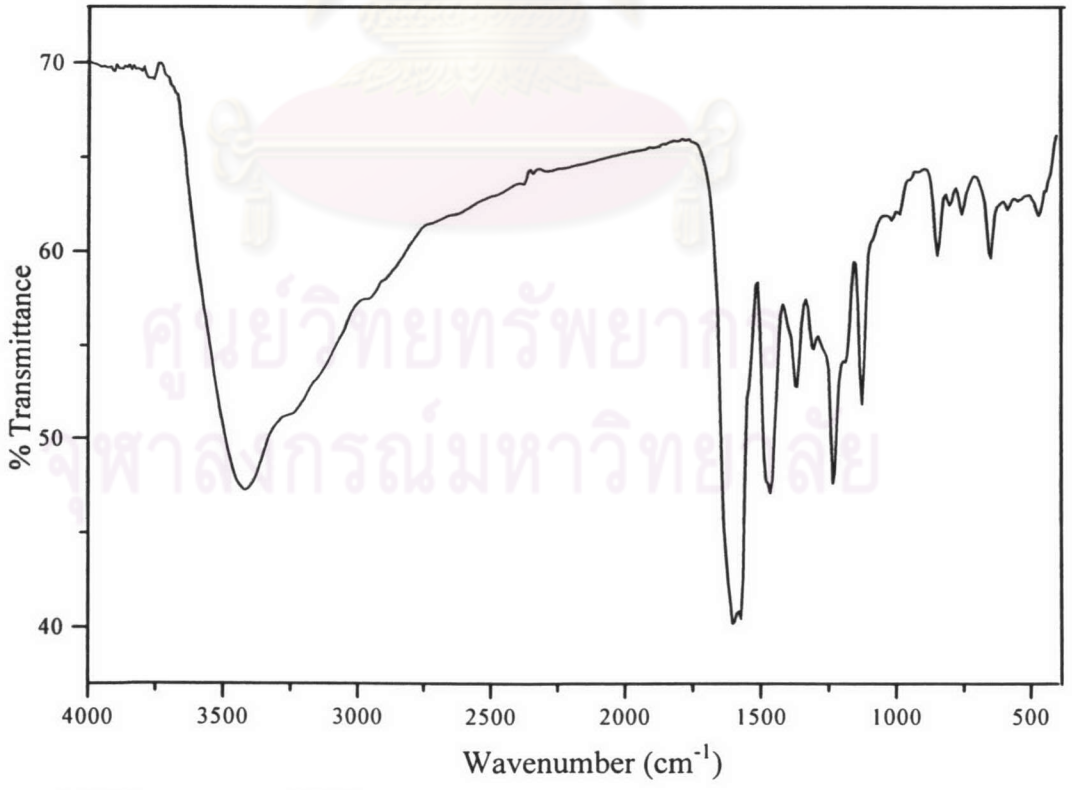


**Figure A.2** IR spectrum of ZnL

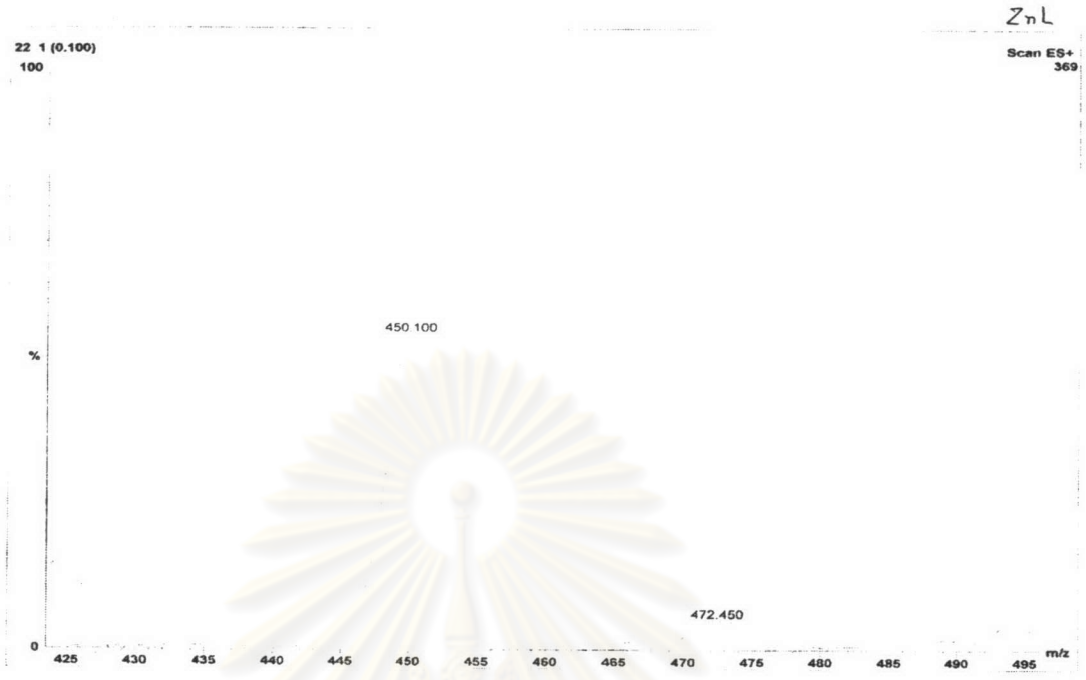


**Figure A.3** MALDI-TOF MS spectrum of ZnL

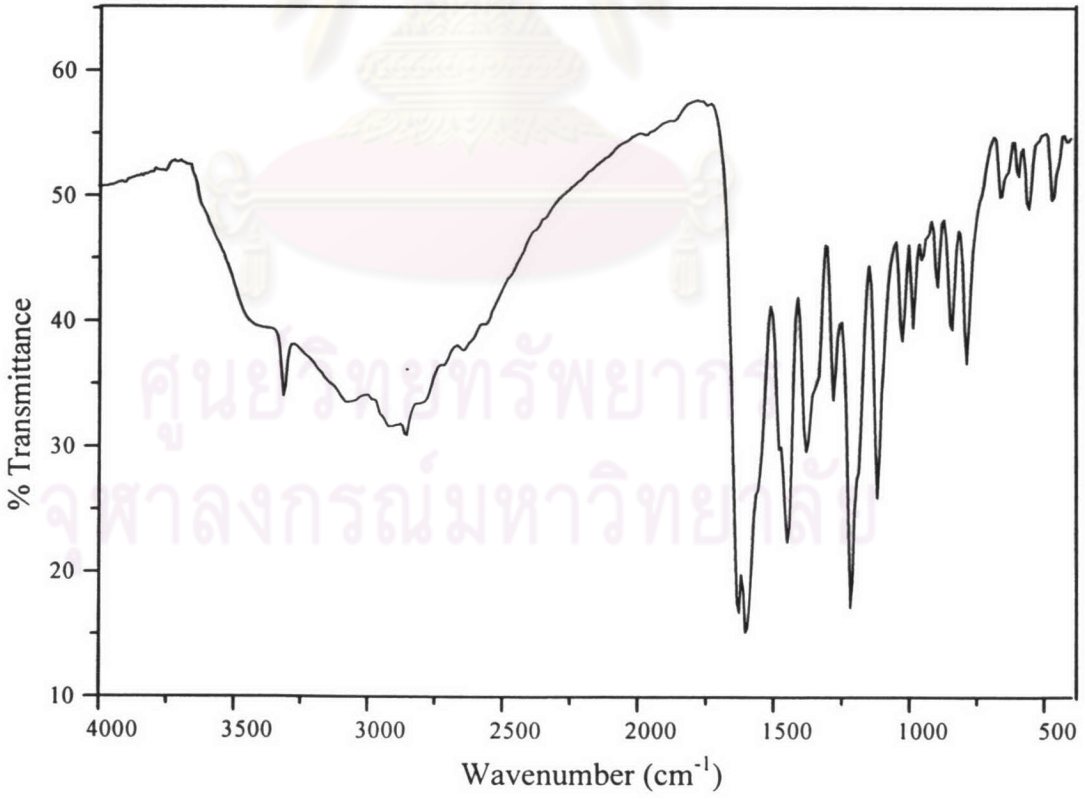


**Figure A.4** IR spectrum of NiL

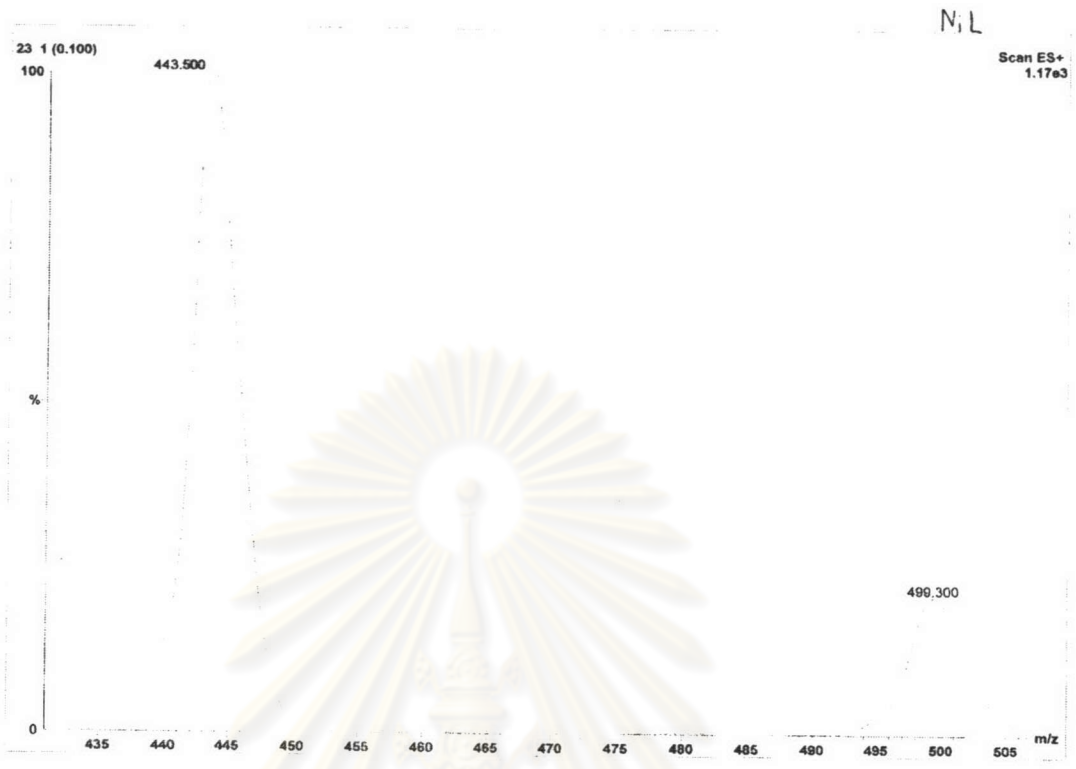


**Figure A.5** MALDI-TOF MS spectrum of ZnL

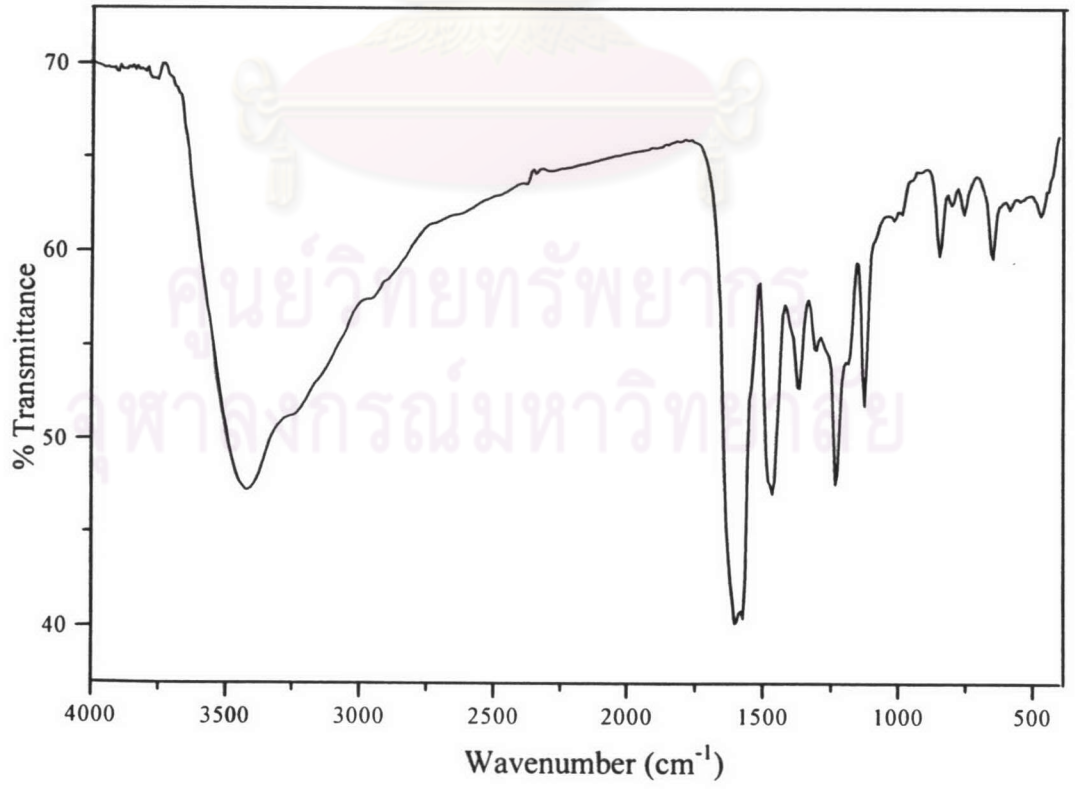


**Figure A.6** IR spectrum of CoL

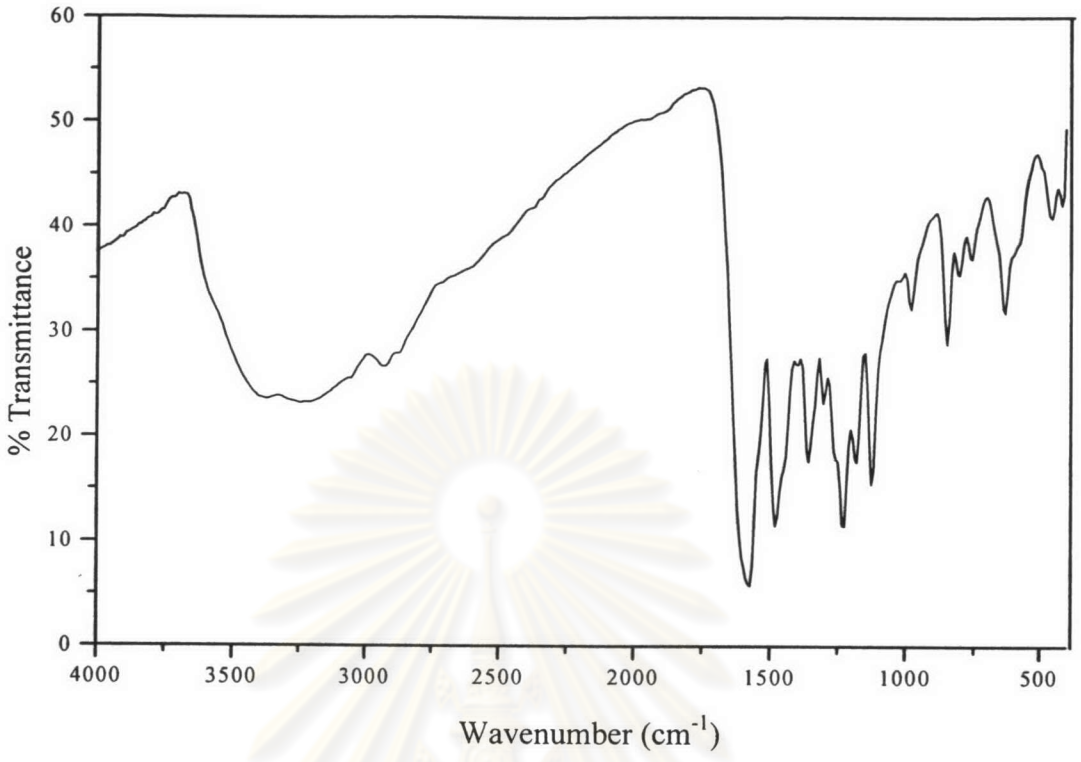


**Figure A.7** IR spectrum of MnL

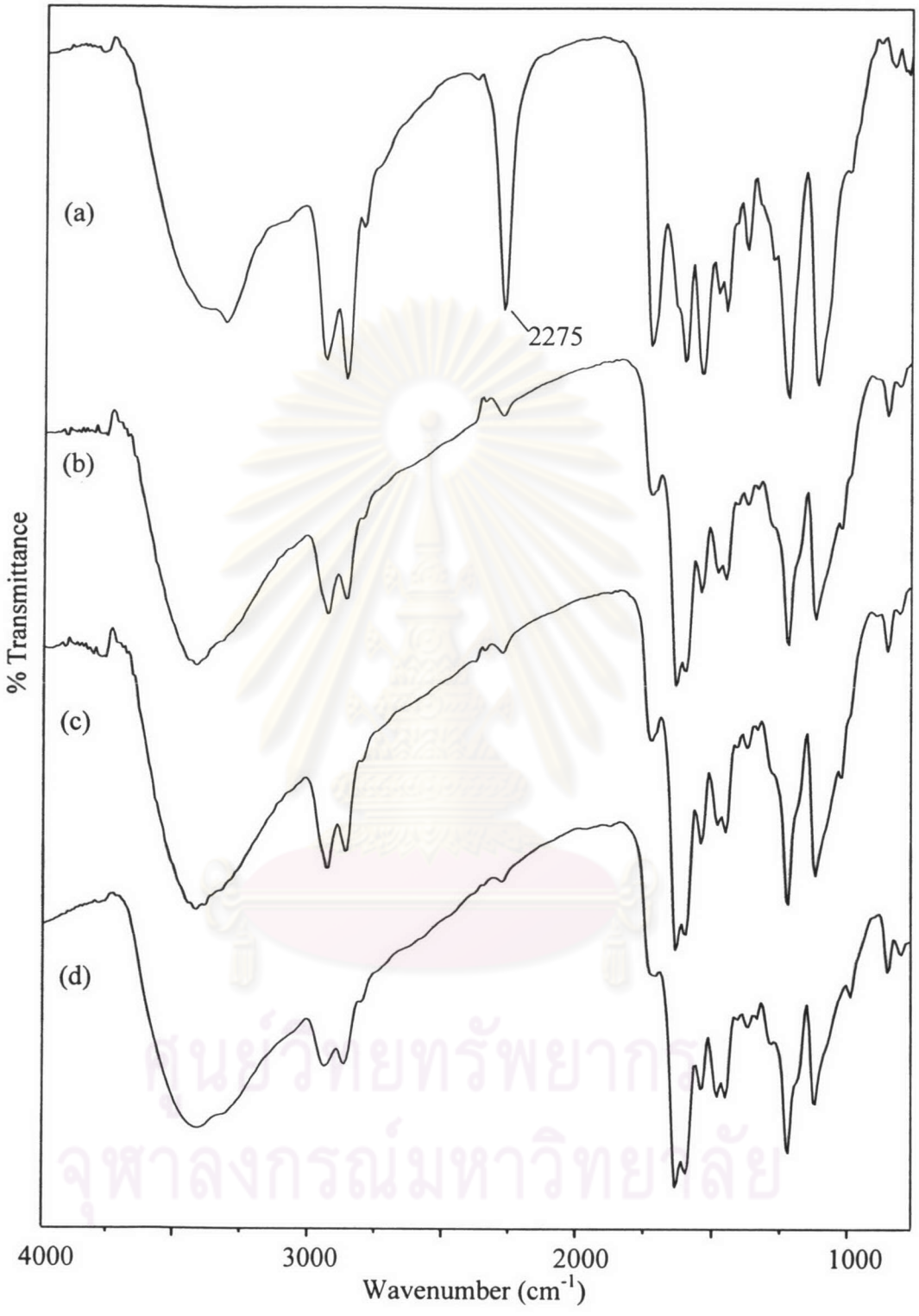


**Figure A.8** IR spectra of a reaction mixture of NiL: PB900 at a mole ratio of 1:1when the reaction was done at 120 °C: (a) before heating; (b) after 1 h; (c) after 2 h and (d) after 3 h

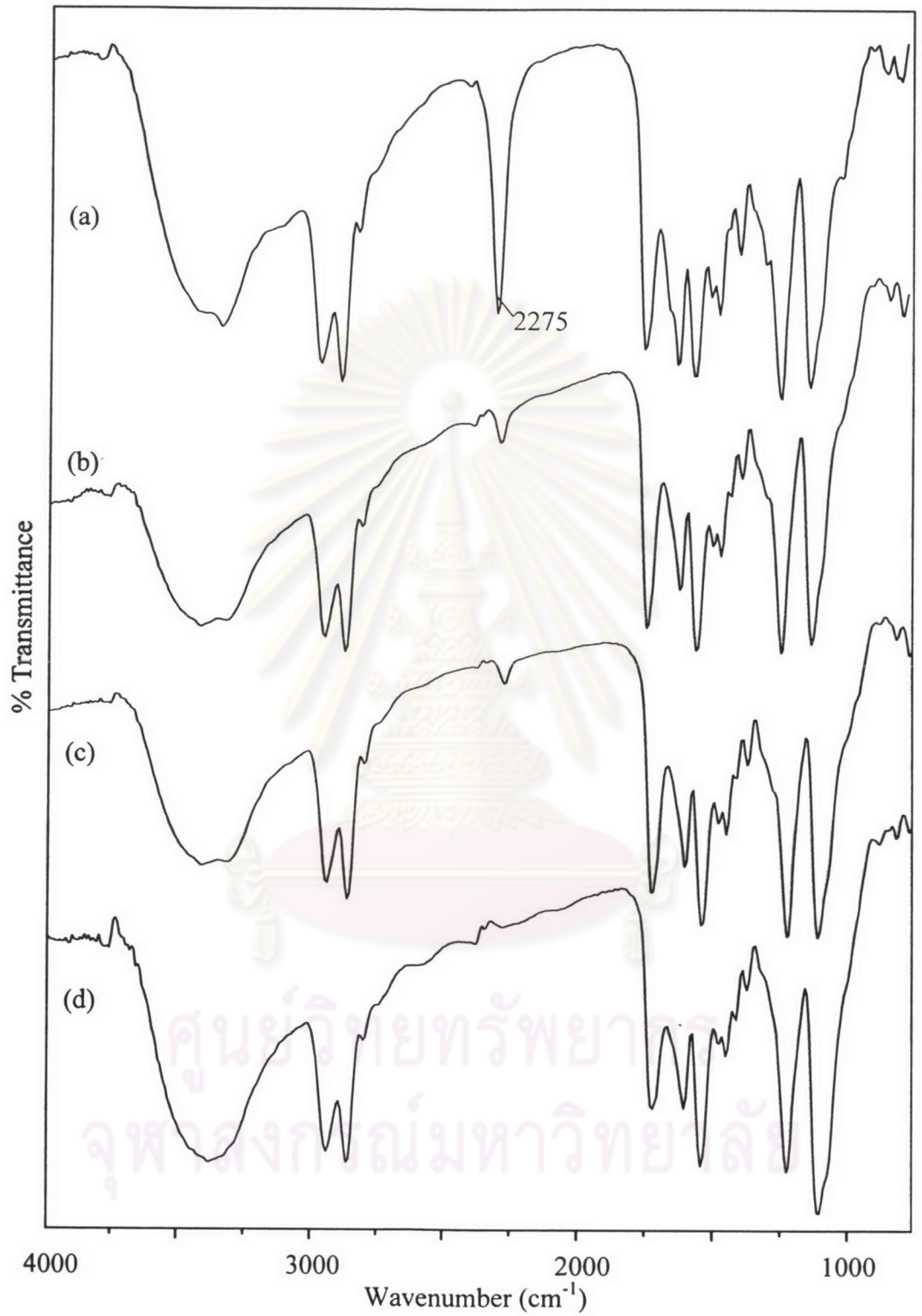


**Figure A.9** IR spectra of a reaction mixture of NiL:PB900 at a mole ratio as 1:2 when the reaction was done at 120 °C: (a) before heating; (b) after 1 h; (c) after 2 h and (d) after 3 h

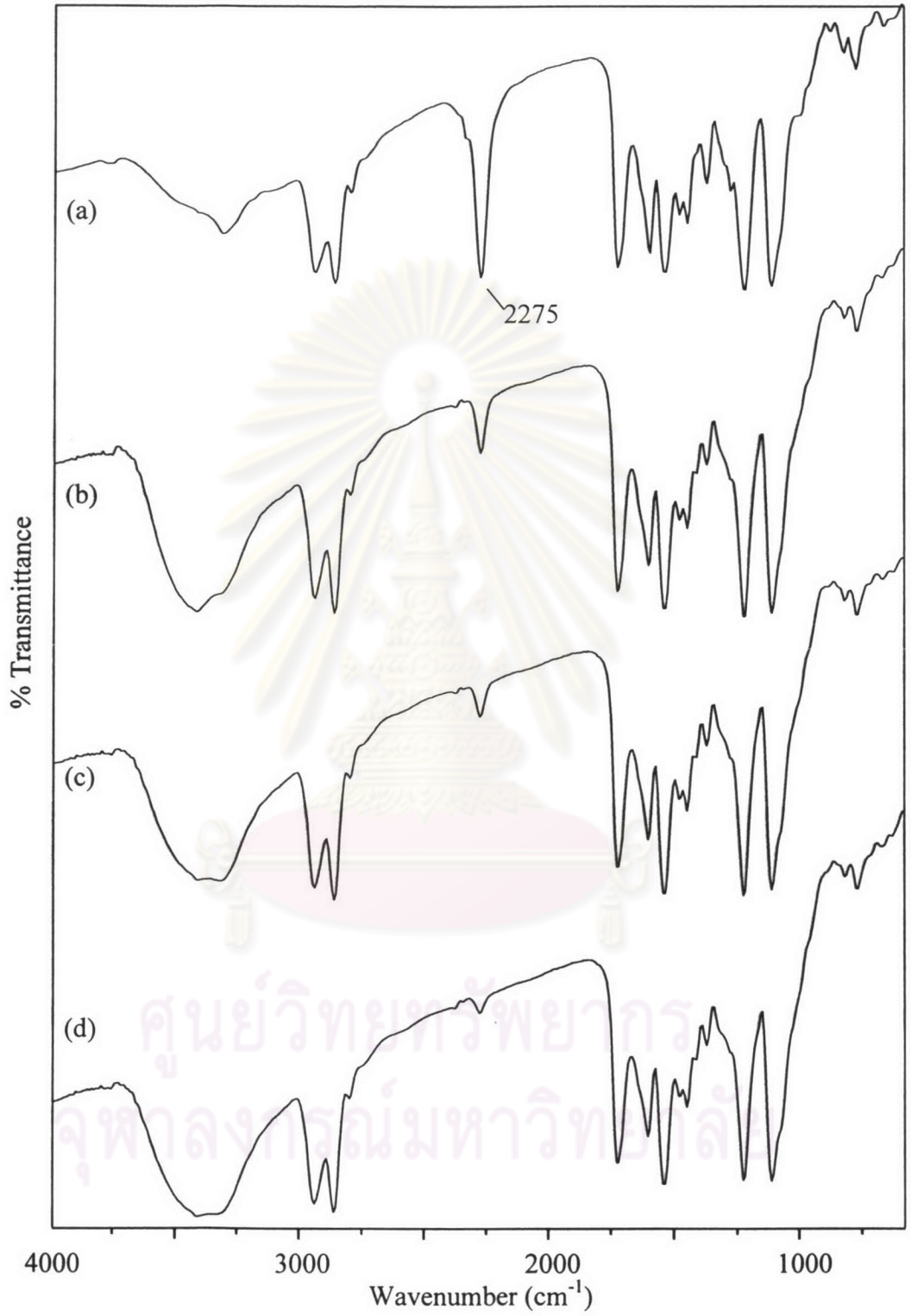


**Figure A.10** IR spectra of a reaction mixture of NiL:PB900 at a mole ratio of 1:3 when the reaction was done at 120 °C: (a) before heating; (b) after 3 h; (c) after 5 h and (d) after 8 h

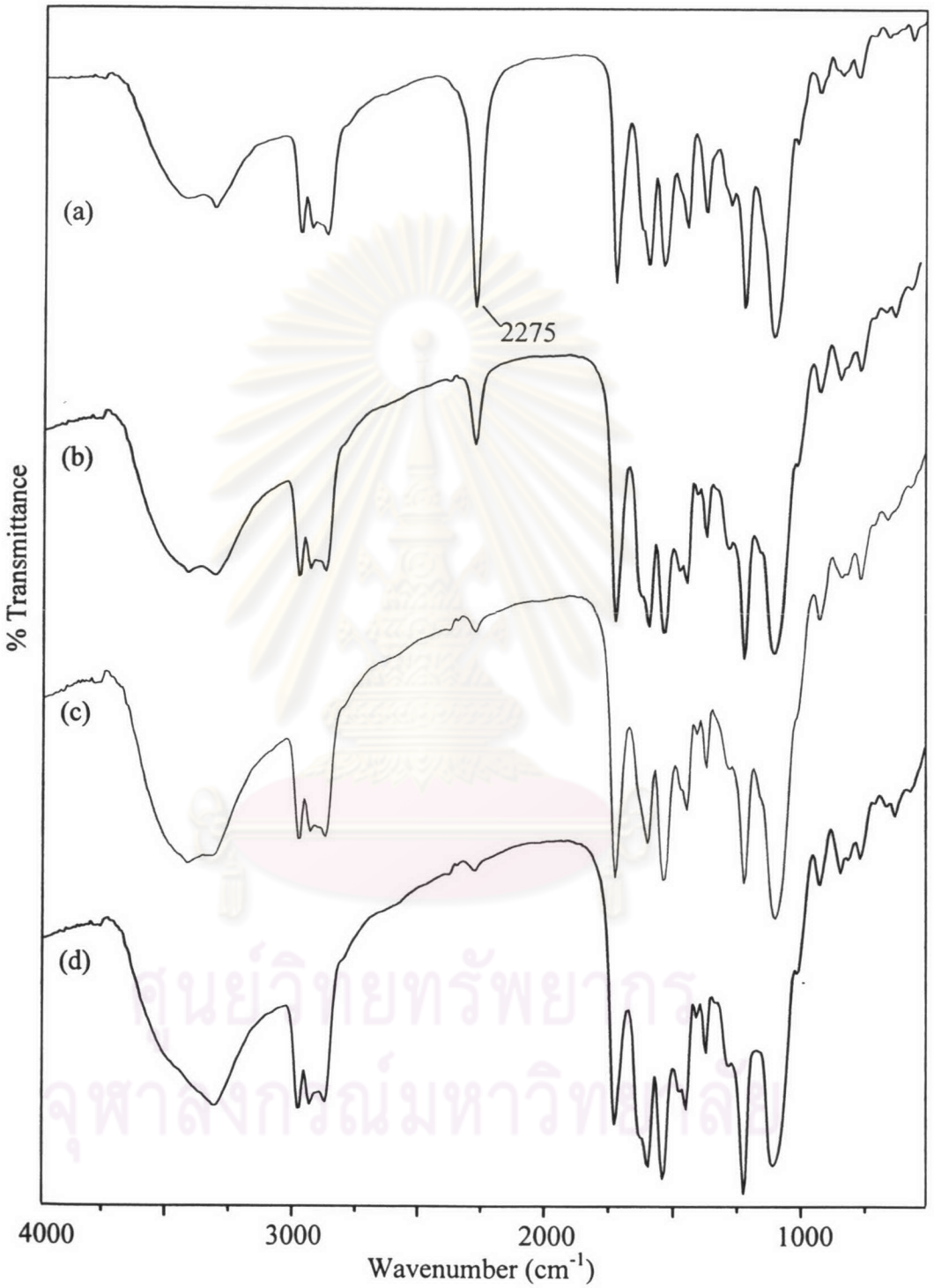


**Figure A.11** IR spectra of a reaction mixture of NiL:PP1000 at a mole ratio of 1:2 when the reaction was done at 120 °C: (a) before heating; (b) after 1 h; (c) after 3 h and (d) after 5 h

# VITAE

Miss Nittaya Khamma was born on June 17, 1979 in Petchabun, Thailand. She received the Bachelor Degree of Science in Chemistry from Naresuan University in 2002. Since then, she has been a graduate student studying in the field of Organic Chemistry at Chulalongkorn University and become a member of the Supramolecular Chemistry Research Unit under supervision of Associate Professor Dr. Nuanphun Chantarasiri. She graduated with a Master Degree of Science in Chemistry in 2005.