"KINETICS AND MECHANISM OF THE ELECTRON-TRANSFER REACTIONS OF BINARY AND TERNARY COMPLEXES OF COBALT(II) INVOLVING N-(2-ACETAMIDO) IMINO-DIACETATE AND SOME ALIPHATIC DICARBOXYLATE"

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ACKNOWLEDGEMENT

DEDICATED

To

MY PARENTS

MY WIFE

MY DAUGHTERS (ALLIA , ALLA)

MY SONS (ALI , AHMED)

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PART 2

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ABBREVIATIONS

H₂ADA   *N*-(2-Acetamido)imino- diacetic acid

EDTA   Ethylene diamin tetraacetate

HEDTA   *N*-(2-hydroxyethyl) Ethylenediamintetraacetate

EDDA   Ethylenediamindiacetate

nta   Nitrilotriacetic acid

NBS   *N*- bromosuccinimide

M   M = Malonic acid

Su   Su = Succinic acid

Ma   Ma = Maleic acid

T   T = Tartaric acid

bz   bz = benzoic acid

Adp   Adp= Adipic acid

I

Glu   Glu= Glutaric acid

TOH   *N*-(2-hydroxyethyl)ethylenediamin-*N,N,N*-triacetate

IDA   Imino diacetic acid

MBTH   3-methyl 2-benzothiazolinone hydrazone hydrochloride

PDTA   Propylene – diamine tetra acetate

HPDTA   1,3 – diamino -2 - hydroxy propane tetra acetate

TMDTA   Trimethylene diamine tetra acetate

EGTA   Ethylene glycol, bis (2- aminoethyl) ether, *N,N,Nˋ,Nˋ*- tetra acetate

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