

Contents of Vol. 12, No.1 (2000)

ARTICLES

Metal Complexes of Pyridine-3-carboxyaldehyde Thiosemicarbazone

Charanjit Singh, H.K. Parwana, Gajendra Singh and R.S. Jolly

Asian J. Chem., Vol. 12, pp. 1-8 (2000)

Kinetics and Mechanism of Bromide Catalyzed Oxidation of L-Sorbose by Cerium(IV) in Aqueous Sulphuric Acid Solution

M.P. Sah, M.D. Jha, A.K. Pathak, K.B. Lal and S.K. Sinha

Asian J. Chem., Vol. 12, pp. 9-13 (2000)

Synthesis of Some Amino-oxy, Biguanidino-oxy and Piperazinyl Derivatives of Propane via Reaction between *n*-Hydroxyphthalimide and Epichlorohydrin

Deepika Mehta and G.L. Talesara

Asian J. Chem., Vol. 12, pp. 14-18 (2000)

Binuclear Copper(II) Complexes Containing Two Crown-Type Macrocyclic Rings

Hassan Keypour and Sadegh Salehzadeh

Asian J. Chem., Vol. 12, pp. 19-22 (2000)

Synthesis and Biological Activity of Divalent Metal Chelates of Metronidazole

Rachna Kesharwani and Pramila Singh

Asian J. Chem., Vol. 12, pp. 23-26 (2000)

X-Ray Crystallographic Studies of Copper(II) Complexes with Few Drugs

Rachna Kesharwani and Pramila Singh

Asian J. Chem., Vol. 12, pp. 27-31 (2000)

Utilization of Iodine in the Spectrophotometric Determination of Azide and Thiocyanate Anions in Acetonitrile

S. Ashour

Asian J. Chem., Vol. 12, pp. 32-38 (2000)

Synthesis and Biological Activities of 3-Hydroxy-5-(2',5'-disubstituted indol-3'-yl)-1,2,4-triazoles and 4-Acetyl-2-acetylamino-5(2',5'-disubstituted indol-3'-yl)-1,3,4-thiadiazolines

Guruprasad, Renukadevi Patil and J.S. Biradar

Asian J. Chem., Vol. 12, pp. 39-44 (2000)

Studies on Molybdenum(III)-Halomine Titrations in Aqueous Hydrochloric Acid Medium

K.A. Vishnumurthy, P. Vasudeva Nayak and K. Vasant Kumar Pai

Asian J. Chem., Vol. 12, pp. 45-50 (2000)

Synthesis and Characterization of 8-Hydroxyquinoline-melamine-formaldehyde Terpolymers

W.B. Gurunule, H.D. Juneja and L.J. Paliwal

Asian J. Chem., Vol. 12, pp. 51-57 (2000)

Contribution to the Study of the Solar Evaporation of Sebkhath El Melah Brine (Tunisia)

A. M'nif and R. Rokbani

- Asian J. Chem.*, Vol. 12, pp. 58-68 (2000)
Kinetic Studies on the Micellar Catalyzed Reaction of Phenacyl Bromide with Phenol-triethylamine in Aqueous-organic Mixed Solvents
M. Nallu and S. Thangadurai
Asian J. Chem., Vol. 12, pp. 69-72 (2000)
- An Evaluation of Optical Constants of Organic Compounds in the Solid State
G. Singh, M.P. Singh and L.K. Mishra
Asian J. Chem., Vol. 12, pp. 73-77 (2000)
- Updated Analysis of Mercury Complexes Solution with Rhodamine-B and Spectrophotometric Determination of Trace Amounts of Mercury in Wastewater
Hong-Weng Gao
Asian J. Chem., Vol. 12, pp. 78-84 (2000)
- Study of Some Organic Superconductors Using BCS-Theory
G. Singh, M.P. Singh and L.K. Mishra
Asian J. Chem., Vol. 12, pp. 85-88 (2000)
- Alkali Metal Complexes: Mixed Ligand Complexes of Alkali Metal Salts of Some Organic Acids with *o*-Hydroxy Acetophenone Hydrazone
Shahnawaz Mahmood and P.C. Sinha
Asian J. Chem., Vol. 12, pp. 89-92 (2000)
- Primary-Secondary Wavelengths Spectrophotometry for Improving the Determination of Nitrobenzene Compounds in Wastewater
Hong-Wen Gao
Asian J. Chem., Vol. 12, pp. 93-96 (2000)
- Application of Tracer Isotopes in Kinetic Study of First Order Ion Exchange Reaction
R.S. Lokhande and Santoshi R.D. Tiwari
Asian J. Chem., Vol. 12, pp. 97-100 (2000)
- Water Quality of the Kolar River Basin
D.M. Vairagade, H.D. Juneja, R.T. Jadhav and L.J. Paliwal
Asian J. Chem., Vol. 12, pp. 101-116 (2000)
- Structural Studies on Metal Complexes of Benzthienoin Oxime
B.H. Mehta and P.M. Dixit
Asian J. Chem., Vol. 12, pp. 117-121 (2000)
- Quality of Well Water from Tarapur Industrial Zone
B.H. Mehta and B.M. Mehta
Asian J. Chem., Vol. 12, pp. 122-126 (2000)
- Phenylethanoid Glycosides from *Verbascum sinaiticum*
M.R. Elgindi and T.J. Mabry
Asian J. Chem., Vol. 12, pp. 127-130 (2000)
- TiO₂ Catalyzed Photo-oxidation of Dimethylglyoxime

R.K. Khandelwal and V.K. Vaidya
Asian J. Chem., Vol. 12, pp. 131-135 (2000)

Determination of Catopril in Non-aqueous Media by Potentiometric and Enthalpimetric Techniques

V.R. Kharat and J.D. Dhake
Asian J. Chem., Vol. 12, pp. 136-140 (2000)

Synthesis and Antibacterial Activity of Tetrahydrocurcuminoids
Somepalli Venkateswarlu, Madabattula Rambabu, Gottumukkala V. Subbaraju and S. Satyanarayana

Asian J. Chem., Vol. 12, pp. 141-144 (2000)

Ponderal Effect due to Changing Alkyl Substitution in a Solvent and its Quantitative Correlation

J.M. Jessy
Asian J. Chem., Vol. 12, pp. 145-150 (2000)

Characterization of Some Electronic Spectral Parameters for Doped Nd(III) Ion in Saturated Aqueous Solution of Some Pharmaceutical Compounds

Neelam Naulakha, K.P. Soni and P.R. Bhati
Asian J. Chem., Vol. 12, pp. 151-156 (2000)

Heterosubstitution Reactions on Coordinated Bivalent Quadridentate Ligands of Nickel(II) and Copper(II)

V. Balasubramanian, A. Loganayagi, M. Muneeswaran and N. Karthikeyan
Asian J. Chem., Vol. 12, pp. 157-166 (2000)

Kinetic and Mechanism of Iodination of Naphthalenes

R. Jeol Karunakaran and R. Gopalan
Asian J. Chem., Vol. 12, pp. 167-175 (2000)

Kinetics of Oxidation of Some Dihydroxy Ethers by Permanganate in Perchloric Acid Medium

Biswajit Pal, Samarendra Nath Basu and Kalyan Kali Sen Gupta
Asian J. Chem., Vol. 12, pp. 176-184 (2000)

Mono-, Di- and Tri-methyl Substituted Tin(IV) Derivatives of N-[*o*-Hydroxy Substituted (or H) Benzyl] Glycines

Robina Aman, Kirti Ballabh Melkani and Madhup Chandra
Asian J. Chem., Vol. 12, pp. 185-194 (2000)

S.D. Patil, S.K. Gudadhe, C.S. Ukesh and V.S. Jamode

Asian J. Chem., Vol. 12, pp. 195-198 (2000)

In vitro Inhibition of Mineralization of Urinary Stone Forming Minerals by Fruit Juices

T.V.R.K. Rao and Sofia Bano
Asian J. Chem., Vol. 12, pp. 199-202 (2000)

Bromopyrogallol Red: A New Microanalytical Reagent for Amperometric Estimation of Dy(III) and Gd(III)

G.P. Sahu and S.C. Lavale

Asian J. Chem., Vol. 12, pp. 203-206 (2000)

The Effect of Source/Absorber Width in Continuous Source Atomic Absorption Spectroscopy

Pranvera Lazo, Xiwen He and Hanxi Shen

Asian J. Chem., Vol. 12, pp. 207-213 (2000)

Ion Exchange Equilibria Involving Uni-Univalent, Uni-Bivalent Exchange Systems to Study Effect of Ionic Charge on Equilibrium Constant

R.S. Lokhande and P.U. Singare

Asian J. Chem., Vol. 12, pp. 214-220 (2000)

Kinetic and Mechanistic Study of Saponification of a Few Industrially Important Esters, viz., Glyceryl Dilaurate and Glyceryl Oleostearate

B. Madhava Rao and K. Gajanan

Asian J. Chem., Vol. 12, pp. 221-232 (2000)

Synthesis of 3-Amino-2-alkyl/aryl-3,4-dihydro-4-oxoquinazolines and Their 2,4-DNP Derivatives

M.K. Srivastava and Arvind Rukhaiyar

Asian J. Chem., Vol. 12, pp. 233-237 (2000)

The Study of Viscosity of Oil-in-Oil Emulsions with Different Surfactants

I.P. Pandey, Kanchan Sharma and T.S. Rawat

Asian J. Chem., Vol. 12, pp. 238-242 (2000)

Synthesis and Characterization of Some 3-Amino-2-alkyl/aryl-3,4-dihydro-4-oxoquinazolines and Their Acyl Derivatives

M.K. Srivastava, Arvind Rukhaiyar and K.M. Trivedi

Asian J. Chem., Vol. 12, pp. 243-246 (2000)

Stability Constants of Transition Metal Complexes with Aryl Schiff Bases

S.D. Naikwade, P.S. mane and T.K. Chondhekar

Asian J. Chem., Vol. 12, pp. 247-250 (2000)

Thermodynamics of Complex Formation of Transition Metal Ions with Schiff Bases in Mixed Solvent Media

S.D. Naikwade, P.S. Mane and T.K. Chondhekar

Asian J. Chem., Vol. 12, pp. 251-254 (2000)

Physico-chemical Factors Affecting the Formation of Emulsion

I.P. Pandey, Kanchan Sharma and T.S. Rawat

Asian J. Chem., Vol. 12, pp. 255-258 (2000)

Manganese(II), Cobalt(II), Nickel(II), Copper(II) and Zinc(II) Complexes of N-(*o*-Hydroxy methyl substituted benzyl) Glycines

Kirti Ballabh Melkani, Reeta Sharma and Madhup Chandra
Asian J. Chem., Vol. 12, pp. 259-264 (2000)

Primary-Secondary Wavelength Spectrophotometric Determination of Trace Amounts of Lignin and Tannin in Water

Hong-Wen Gao and Jai-Gui Zhou
Asian J. Chem., Vol. 12, pp. 265-269 (2000)

Primary-Secondary Wavelengths Spectrophotometric Determination of Trace Amounts of Cadmium in Wastewater with New Chromogenic Agent *m*-Nitrobenzenediazo-aminoazobenzene

Hong-Wen Gao, Mei Tao, Yun-Sheng Chen and Peng-Fei Zhang
Asian J. Chem., Vol. 12, pp. 270-276 (2000)

Metal Contents in Water of Ambazari Lake and Nearby Water Sources

W.K. Pokale and P.B. Ghyar
Asian J. Chem., Vol. 12, pp. 277-280 (2000)

Densities and Excess Volumes of Binary Liquid Mixtures of PEG 200, PEG 400 and PEG 600 with Toluene at Three Temperatures

R.A. Sharma and D.N. Vora
Asian J. Chem., Vol. 12, pp. 281-285 (2000)

NOTES

Novel and Convenient Synthesis of 1,4-Dihydro Pyridines

V.S. Rao, S.V.S. Arun Kumar Gupta, P. giridhar, N. Jai Ganesh and B.S. Reddy
Asian J. Chem., Vol. 12, pp. 286-288 (2000)

N-Methyl-N-*p*-toluenesulfonylformamide: A Stable and Convenient N-Formylating Agent

Ardeshir Khazaei and Ebrahim Mehdipour
Asian J. Chem., Vol. 12, pp. 289-290 (2000)

N-Chlorosulfonamide, A Useful Reagent for Chlorination of Various Carbanionic Substrates

Ardeshir Khazaei, M. Tajbakhsh and S. Habibzadeh
Asian J. Chem., Vol. 12, pp. 291-293 (2000)

Spectrophotometric Determination of Mesalamine in Pure and Pharmaceutical Formulations

B.R. Arbad and S.M. Jadhav
Asian J. Chem., Vol. 12, pp. 294-296 (2000)

A Novel Device for the Dilatometric Study

A. Zerriouh and L. Belkbir
Asian J. Chem., Vol. 12, pp. 297-298 (2000)

Sensitized Photo-oxidation of L-Dopa

Prabha Mehta and S.C. Mehta
Asian J. Chem., Vol. 12, pp. 299-301 (2000)

Kinetics of Oxidation of *n*-Butanol by *p*-Methyl *n*-Bromobenzamide

O.N. Choubey, V.K. Seeryia and S.K. Awasthi

Asian J. Chem., Vol. 12, pp. 302-304 (2000)

Synthesis and Antibacterial Activity of 2'-Hydroxy 3'-Bromo-5'-ethyl Chalcones and 3-(2'-Hydroxy-3'-bromo-5'-ethyl phen-1'-yl)-5-substituted Phenyl-2-isoxazoles

V.R. Naik and H.B. Naik

Asian J. Chem., Vol. 12, pp. 305-307 (2000)

Synthesis and Antibacterial Activity of Some Benzothiazole Derivatives of S-Triazine

Pratibha Desai, A.C. Champaneri and K.R. Desai

Asian J. Chem., Vol. 12, pp. 308-310 (2000)

Aluminium(III) Complexes of Anilic Acids

T.V.R.K. Rao and Anand Kumar

Asian J. Chem., Vol. 12, pp. 311-312 (2000)

pH-Metric Method for Ligand Dissociation Constants of Mercaptotriazoles and Their Reactions

K. Saraswathi, S. Sivarama Babu and Y. Sunandamma

Asian J. Chem., Vol. 12, pp. 313-314 (2000)

Synthesis of Some Phthalimido-oxy and Amino-oxy Derivatives of Benzotriazole

Tahira banu, Sonal Rajora, Depika Mehta and G.L. Talesara

Asian J. Chem., Vol. 12, pp. 315-317 (2000)

Synthesis and Antibacterial Activity of Some Chalcones and 1,4-Oxazipine Derivatives

P.B. Bharucha and H.B. Naik

Asian J. Chem., Vol. 12, pp. 318-320 (2000)

Reactivity of 2- and 4-Vinylpyrrole as Diene System Towards Dienophiles

Majed M. Hania

Asian J. Chem., Vol. 12, pp. 321-323 (2000)

Synthetic and Structural Studies on Some New Butenolactones

R.P. Chamoli, Shailendra Prakash and D.P. Kothiyal

Asian J. Chem., Vol. 12, pp. 324-326 (2000)

Polymer Supported α -Amino Acids: Synthesis and Application in Alkylation of Arenes

Ardeshir Khazaei, Mohammad Reza Zaman and Ebrahim Mehdipour

Asian J. Chem., Vol. 12, pp. 327-328 (2000)