

## Contents of Vol. 5, No.2 (1993)

### ARTICLES

Laser Raman and infrared Spectroscopic Studies on 5-Methyl Cytosine

S. Mohan and R. Madivanane

*Asian J. Chem., Vol. 5, pp. 243-246 (1993)*

Studies on Nonconventional Oil Seeds: A New Source of Edible and Industrial Oils

Op. S. Mondhe and J.T. Rao

*Asian J. Chem., Vol. 5, pp. 247-252 (1993)*

Synthesis of Some Newer Polyhydrazides Containing Hydrazinophosphite Linkage

J.S. Shukla and Mohd. G.H. Zaidi

*Asian J. Chem., Vol. 5, pp. 253-258 (1993)*

Synthesis and Characterization of Some New Sn(II) Aromatic Schiff Base Complexes

Shekhar Srivastava

*Asian J. Chem., Vol. 5, pp. 259-261 (1993)*

Complexes of 2-Thiouracil with Some Divalent Metal Ions

Badri N. Singh, Udai P. Singh, R. Ghose and Animesh K. Ghose

*Asian J. Chem., Vol. 5, pp. 262-265 (1993)*

Extraction of Titanium(IV) from its Hydrochloric Acid Solution with Indigenous Solvent Tri-iso-Amyl Phosphate

S.H. Hasan, V.C. Joshi and D.C. Rupainwar

*Asian J. Chem., Vol. 5, pp. 266-277 (1993)*

Synthesis of New 5-Arylazo-3-benzyl-2-arylimino-4-thiazolidinones

B.N. Singh

*Asian J. Chem., Vol. 5, pp. 278-281 (1993)*

Synthesis of Some New 5[[{(Substituted amino)methyl benzimidazole-2-yl}thio] methyl-N-[(Substituted phenyl) methylene]-1,3,4-thiadiazoles-2- amino as potential Anthelmintic Drug

Manouchehr Fadayan, Y.D. Kulkarni and A.S.H. Pakdaman

*Asian J. Chem., Vol. 5, pp. 282-286 (1993)*

The Preparation and Reactions of Triphenyllead- and Triphenylgermanium

Pentachlorophenoxides

Ahmad Shahrezai Pakdaman and Manouchehr Fadayan

*Asian J. Chem., Vol. 5, pp. 287-290 (1993)*

$^1\text{H}$ ,  $^{13}\text{C}$  and  $^{31}\text{P}$  NMR Studies of 2-(Substituted Phenoxy) 2,3-Dihydro-1H-naphtho-[1,8-de]-1,3,2-diazaphosphorine-2-oxides

C. Devendranath Reddy, G. Tirupathi Reddy and M.S. Reddy

*Asian J. Chem., Vol. 5, pp. 291-295 (1993)*

Adduct Formation of Nickel(II) Chelates of 4-Methyl and 2-Methyl 8-quinolinols with Heterocyclic Nitrogen Bases

T. Suresh, K.S. Math and V.H. Kulkarni

*Asian J. Chem.*, Vol. 5, pp. 296-304 (1993)  
Study of Interaction Between N-Aralkylsalicylaldehydes and Halides of Cadmium(II) and Mercury(II)  
Rabinder Nath and R.P. Bhatnagar  
*Asian J. Chem.*, Vol. 5, pp. 305-311 (1993)

Physico-chemical Studies on Furfyl Acrylic Acid  
P.H. Parsania  
*Asian J. Chem.*, Vol. 5, pp. 312-315 (1993)

Interaction of Transition Metal Ions with Some Biologically Active Ligands  
Devashish Basak  
*Asian J. Chem.*, Vol. 5, pp. 316-318 (1993)

Ultrasonic Velocity and Apparent Molar Compressibility of Trichloroacetic Acid in Aqueous Ethanol  
P.S. Nikam and Mehdi Hasan  
*Asian J. Chem.*, Vol. 5, pp. 319-321 (1993)

Studies on Amidoalkylation Reaction: Synthesis of 1,3-Disubstituted Derivatives  
V.K. Pandey and Chandra Prabha Shukla  
*Asian J. Chem.*, Vol. 5, pp. 322-326 (1993)

Ir(II) Catalysis in N-Bromosuccinimide Oxidation of Lactic Acid in Perchloric Acid  
B.N. Singh, Arjun Prasad and S.N. Singh  
*Asian J. Chem.*, Vol. 5, pp. 327-329 (1993)

Template Synthesis of Oxovanadium(IV) Complexes with Tetradentate 16-Membered  $N_6$  Macrocyclic Ligands  
H.S. Yadav  
*Asian J. Chem.*, Vol. 5, pp. 330-334 (1993)

Template Synthesis of Oxozirconium(IV) Complexes with Tetraaza 16- and 18-Membered Macrocyclic Ligands  
H.S. Yadav  
*Asian J. Chem.*, Vol. 5, pp. 335-339 (1993)

Synthesis and Evaluation of Bisphenol-C and its Derivatives as Potential Antimicrobial and Antifungal Agents  
H.H. Garchar, S.H. Kalola and P.H. Parsania  
*Asian J. Chem.*, Vol. 5, pp. 340-347 (1993)

Physico-chemical Studies of the Interaction of an Antimalarial Drug Amodiaquine Hydrochloride with Metal Ions of Biological Importance  
Pramila Singh and M.S. Kachhawaha  
*Asian J. Chem.*, Vol. 5, pp. 348-351 (1993)

Studies on Synthesis and Antimicrobial Activities of Some Flavonols  
G.R. Subbanwad and Y.B. Vibhute  
*Asian J. Chem.*, Vol. 5, pp. 352-357 (1993)

Alkali Metal Complexes: Homo-Binuclear Complexes of Alkali Metal Salts of Quinizarin with Some Oxygen Donor Lignads

Dharm Prakash, R. Chandra, N.K. Prasad and O.P. Gupta

*Asian J. Chem.*, Vol. 5, pp. 358-365 (1993)

Conductometric Estimation of Strong Acid Mixture using Barium Acetate

Bharti Saigal, G.K. Joshi and H.K. Khatri

*Asian J. Chem.*, Vol. 5, pp. 366-369 (1993)

Synthesis and Biocidal Activity of Some 5-Thioxo-1,3,4-oxadiazolo-[3,2-a]-s-triazine-7-ones

C.S. Andotra, Sumita Dham and T.C. Langer

*Asian J. Chem.*, Vol. 5, pp. 370-374 (1993)

Equilibrium Studies with Chlorate Ion in Mixed Aqueous Alcohol – The Effect of Temperature

Radha Tomar and R.P. Bhatnagar

*Asian J. Chem.*, Vol. 5, pp. 375-377 (1993)

Studies of Some Antifungal Agents

C.P. Singh and Sahedev Kumar Prajapati

*Asian J. Chem.*, Vol. 5, pp. 378-380 (1993)

Studies on the Multiple Equilibria Involve in Some Copper(II) Mixed Lignad Systems

M. Sivasankaranair, L. Kamakshi, P. Thillai Arasu and M. Sankaranarayana Pillai

*Asian J. Chem.*, Vol. 5, pp. 381-385 (1993)

Synthesis of 1,2,4-Dinitro Phenyl-3-*p*-hydroxy, 3-Methoxy phenyl-5-2-naphthol-4-sulphonyl Formazan Dye

V.M. Sahai, Deepak Joshi and Rashmi Dubey

*Asian J. Chem.*, Vol. 5, pp. 386-388 (1993)

Electrochemical Reduction of *p*-Hydroxyphenacyl Bromide

K.M. Rao, P. Nageswara Rao, S.J. Reddy and K. Adinarayana Reddy

*Asian J. Chem.*, Vol. 5, pp. 389-393 (1993)

Studies on Metal-lignad Vibrations in the Complexes of Dioxomolybdenum(VI) and Zirconium(IV) with Dibenzyl Sulphide and Dibenzyl Selenide

R.N. Pandey, S.K. Sinha Sarita Singh and R.N. Sharma

*Asian J. Chem.*, Vol. 5, pp. 394-397 (1993)

Semi-micro Determination of Some Antidepressants in Pure form and in Their Pharmaceutical Preparations with Ammonium Metavanadate(V) Reagent

A.K. Pandey

*Asian J. Chem.*, Vol. 5, pp. 398-403 (1993)

Inhibition of Corrosion of Low-Carbon Steel in Aqueous Solution of Bromide by Nitrite

Gamal K. Gomma

*Asian J. Chem.*, Vol. 5, pp. 404-409 (1993)

The Interaction of Indium(III) with Some Lewis Bases Containing Oxygen and Nitrogen as Their Potential Sites of Donation

Margureite A. Wassef and Nagwa H. Esmail

*Asian J. Chem.*, Vol. 5, pp. 410-415 (1993)

Reactions of Some Spiro Chromenes with Bromine and Chlorine

Hamad Abdullah Alsehaibani

*Asian J. Chem.*, Vol. 5, pp. 416-420 (1993)

Determination of Stability Constants of *Bis*(biacetylmonoxime)-ethylene Diimine and its *o*-Methyl Ether Derivative with Pb(II) and Cd(II) using Differential Pulse Anodic Stripping Voltammetry

Manar Fayyad, Hamadallah Hodali and Suzan Al-Khatib

*Asian J. Chem.*, Vol. 5, pp. 421-428 (1993)

Photocyclization of 1,4-Naphthaquinone with  $\beta$ -Alanine

F.M. Abd El-Latif, A.K. Khalafalla, M.Z.A. Badar and D. Dopp

*Asian J. Chem.*, Vol. 5, pp. 429-431 (1993)

Corrosion Behaviour of Tin in Stagnant Salt Solutions

A.A. El-Khouly

*Asian J. Chem.*, Vol. 5, pp. 432-444 (1993)

Effect of Acid Medium on Lead-Steel Couple

Gamal K. Gomma

*Asian J. Chem.*, Vol. 5, pp. 445-451 (1993)

Spectrophotometric and Derivative Spectrophotometric Determination of Iron(III) with 3-Hydroxy-2-picolinamide

Aprajita Gaur, Har Bhajan Singh, Rattan Lal Sharma and Vinay Kumar Singh

*Asian J. Chem.*, Vol. 5, pp. 452-459 (1993)

Optical Properties of Polyvinyl Alcohol Doped with  $\text{CoCl}_2$

M.S. Rizk

*Asian J. Chem.*, Vol. 5, pp. 460-463 (1993)

## NOTES

Synthesis of 2-, 3- and 4-Carboxyphenoxyacetic Acid: A Necessary Modification

Mohini Mohan Adak

*Asian J. Chem.*, Vol. 5, pp. 464-466 (1993)

A Single Step Synthesis of Substituted 3,7-Dimethyl-5-nitro-4H-1,4-benzothiazines

Purnima Adwani, Neha Mathur, Vandana Gupta and K.G. Ojha

*Asian J. Chem.*, Vol. 5, pp. 467-469 (1993)

Stability Constants of 2N-(3,5-Diiodo salicylidene)-5-phenyl 1,3,4-Thiadiazole Complexes with  $\text{Cu}^{2+}$ ,  $\text{Ni}^{2+}$  and  $\text{Fe}^{3+}$

M.L. Gupta

*Asian J. Chem.*, Vol. 5, pp. 470-472 (1993)

Preparation of Tris(dimethyldithiocarbamate) Iron(III) and its Effect on Seed Germination  
C.L. Arora and Jaswinder Kaur  
*Asian J. Chem.*, Vol. 5, pp. 473-474 (1993)

Nature of Atrazine (2-Chloro-4-ethylamino-6-isopropylamino-s-triazine)-copper Chloride  
Complexes  
C.L. Arora and G.S. Sekhon  
*Asian J. Chem.*, Vol. 5, pp. 475-476 (1993)

Binary and Ternary Complexes of Neodymium(III) with Crotonic Acid and Acrylic Acid  
A.K. Lavale and S.C. Lavale  
*Asian J. Chem.*, Vol. 5, pp. 477-480 (1993)

Chronoamperometry of Some Substituted Phenacyl Bromides  
K. Mastan Rao and S. Jayarama Reddy  
*Asian J. Chem.*, Vol. 5, pp. 481-482 (1993)

Mass Spectral Fragmentation of 2N-Propargyl (1,2,4)-Triazolo (3,4-b)-benzothiazol-3-one  
M.V. Deshmukh  
*Asian J. Chem.*, Vol. 5, pp. 483-485 (1993)

Towards a Perfect Periodic Table  
S.I. Pothen  
*Asian J. Chem.*, Vol. 5, pp. 486-4 (1993)