

Contents of Vol. 10, No.2 (1998)

MICRO-REVIEWS

Recent Advances in the Chemistry of *Genus Ficus*

Anees A. Siddiqui

Asian J. Chem., Vol. 10, pp. 213-218 (1998)

Crocus sativus Linn. A Review

Anees A. Siddiqui

Asian J. Chem., Vol. 10, pp. 219-220 (1998)

ARTICLES

Preparation and Characterization of Some New Polymeric Chelates of Transition Metal Ions

I.M. Sarin, H.D. Juneja and K.N. Munshi

Asian J. Chem., Vol. 10, pp. 221-227 (1998)

Synthesis and Characterization of Some Polymeric Lanthanide(III) Complexes

S. Ghosh and B. Pradhan

Asian J. Chem., Vol. 10, pp. 228-232 (1998)

Synthesis and Characterization of Complexes of Cobalt(II), Nickel(II) and Copper(II) with 2-Pyrrolidene-*m*-nitroaniline and 2-Pyrrolidene-*p*-nitroaniline Schiff Bases and Their Biological Activity

Mithilesh Kumar and A.K. Singh

Asian J. Chem., Vol. 10, pp. 233-237 (1998)

Studies on Some Anionic Complexes of Cobalt(II), Nickel(II) and Copper(II) – Part II

S. Naik, K.M. Purohit and R.N. Patel

Asian J. Chem., Vol. 10, pp. 238-240 (1998)

Kinetic Parameters from TG Analysis of *Bis*-{2-(*o*-hydroxy phenyl) benzimidazolato} Cobalt(II) Dihydrate Complexes

A.K. Singh, A.P. Sinha and K.K. Singh

Asian J. Chem., Vol. 10, pp. 241-244 (1998)

Kinetics and Mechanism of Hydrolysis of Di-*p*-sulphonic Acid Aniline Phosphate in Acidic Medium

C.P. Shinde, R. Patil and Vaishali Shirdhonkar

Asian J. Chem., Vol. 10, pp. 245-249 (1998)

Kinetics and Mechanism of Oxidation of Cycloheptanol in Acid Solution of N-Bromosuccinimide

A.K. Singh and Satyendra Kumar

Asian J. Chem., Vol. 10, pp. 250-255 (1998)

Some Polyphenolic Constituents of *Triticum aestivum* (Wheat bran, Sakha 69) and Their Antibacterial Effect

H.N. Michael, S.N. Guergues and R.N. Sandak

Asian J. Chem., Vol. 10, pp. 256-263 (1998)

Kinetics and Mechanism of the Oxidation of Some Tetracyclines by Chloramine-T

R.N.P. Singh, Arbind K. Sinha and Niranjana Singh

Asian J. Chem., Vol. 10, pp. 264-269 (1998)

Analytical Studies on the Oxidation of Nitroanilines using Potassium Dipertellurato Cuprate(III)

R.P.S. Chauhan, Daya Nand Singh, V.K. Singh and P.K. Chaurasia

Asian J. Chem., Vol. 10, pp. 270-273 (1998)

Ultrasonic Studies of Zirconium(IV) Soaps in Mixed Solvents

R.P. Varma, H. Goel, H. Singh and R.K. Sharma

Asian J. Chem., Vol. 10, pp. 274-279 (1998)

Inhibition of Corrosion of Zinc in Sulphamic Acid

R.T. Vashi and V.A. Champaneri

Asian J. Chem., Vol. 10, pp. 280-286 (1998)

Pollution Profile of River Ganga

K.P. Kamal, S.P. Singh, S.G. Mujtaba and A.K.S. Bhosle

Asian J. Chem., Vol. 10, pp. 287-290 (1998)

Characterization of Some Metal Complexes of Thiazolidine-4-carboxylic Acid

B.K. Sinha, S.N. Prasad, Ramdeo Prasad, Miru Srivastava and Suresh Kumar Yadav

Asian J. Chem., Vol. 10, pp. 291-296 (1998)

Organotin(IV) Complexes of Some 2-Pyrazoline Derivatives, Part (II): PhSnCl_3 and SnCl_4 Complexes

Talal A.K. Al-Allaf, Redha I.H. Al-Bayati and Asim S.A. Al-Botany

Asian J. Chem., Vol. 10, pp. 297-305 (1998)

Synthesis, Characterization and Antimicrobial Activity of Cobalt(II), Nickel(II) and Copper(II) Complexes with 3-Phenyl-5-substituted Indole-2-carboxyhydrazones of Salicylaldehyde

G. Rajshekhara, B.K. Shanthaveerappa, S.D. Angadi, V.H. Kulkarni and

B.H.M. Mruthyunjayaswamy

Asian J. Chem., Vol. 10, pp. 306-311 (1998)

Synthesis and Antiinflammatory Activity of 1-Alkyl-2-aryl-benzimidazoles

Suroor Ahmad Khan, Sandeep Vishani and K. Ishratullah

Asian J. Chem., Vol. 10, pp. 312-316 (1998)

Analytical Studies on the Oxidation of S-Containing Amino Acids with Pentavalent Vanadium Reagent

R.P.S. Chauhan, M.A. Khan and I.A. Khan

Asian J. Chem., Vol. 10, pp. 317-319 (1998)

Catalytic Effect of Mn^{2+} on Oxidative Deamination and Decarboxylation of L-Isomers of Amino Acids by Permanganate

B.R. Sahu, Vijay R. Chourey, Shakuntala Pandey and V.R. Shastry
Asian J. Chem., Vol. 10, pp. 320-323 (1998)

Mechanistic Study of Oxidation of Propanal by Potassium Ferricyanide Catalyzed by Osmium Tetroxide in Alkaline Media

H.N. Singh, O.P. Srivastava and Kamal Kishor Singh
Asian J. Chem., Vol. 10, pp. 324-327 (1998)

Determination of Some Aromatic Amines in Micrograms by Kinetic Spectrophotometric Method Based upon Periodate Oxidation in Aqueous/Mixed Medium

R.D. Kaushik and Rajesh Joshi
Asian J. Chem., Vol. 10, pp. 328-332 (1998)

Kinetics and Mechanisms of the Reactions of Iodopentaammineruthenium(III) and Thiocyanate Ions in Aqueous Solution

Rameshwar Prasad, B.K. Singh, P.K. Chaurasia and Sanjay Kumar
Asian J. Chem., Vol. 10, pp. 333-337 (1998)

Antibacterial Activity of Diorganotin(IV) Complexes of Some Schiff-Base Derivatives

Luay J. Rashaan, Asma'a A. Aziz, Kuthar D. Sulayman, Talal A.K. Al-Allaf and Manal A. Al-Shama'a
Asian J. Chem., Vol. 10, pp. 338-341 (1998)

Palladium(II) Complex Derived from Harmaline; An Alkaloid Isolated from *Peganum harmala* Seeds: Synthesis, Characterization and Cytotoxic Activity

Talal A.K. Al-Allaf and Luay J. Rashaan
Asian J. Chem., Vol. 10, pp. 342-346 (1998)

Role of Metal Ions on Laser Interaction with a Conjugated Organic System

Ragab R. Amin, Ibrahim S. Al-Naimi and Lotfi Z. Ismail
Asian J. Chem., Vol. 10, pp. 347-355 (1998)

A Combined Regimen Study of WR 2721 and Sodium Nitrite for Protection against Cyanide Intoxication in Mice

S.K. Saini
Asian J. Chem., Vol. 10, pp. 356-360 (1998)

NOTES

Catalytic Polarographic Analysis of Trace Amounts of Iron in Water Samples and Leafy Vegetables

K. Saraswathi, N. Venkatasubba Naidu and K. Padmaja
Asian J. Chem., Vol. 10, pp. 361-363 (1998)

Kinetics of Ion Exchange Resin Amberlite IRA 400

R.S. Lokhande and Pravin U. Singare
Asian J. Chem., Vol. 10, pp. 364-366 (1998)

Synthesis of 3,5-Diaryl-4-benzoyl-1-pyridoyl- Δ^2 -pyrazolines

M.V. Kadu and V.S. Jamode
Asian J. Chem., Vol. 10, pp. 367-369 (1998)

2-Methyl 4-Quinoline-hydrazide Derivatives as Antitubercular/Antibacterial Agents – Part I
Pratibha Desai, Dinesh Patel, Jiten Naik and C.M. Desai
Asian J. Chem., Vol. 10, pp. 370-372 (1998)

Optimization of Parameters for the Production of Ergot-Alkaloids by *Claviceps purpurea*
PC-5

G. Samdani, P.C. Mahato, S.P. Singh and Nalini Rathor
Asian J. Chem., Vol. 10, pp. 373-374 (1998)

Bioproduction of Alcohol by Ascomycetous Yeast Exposed to Some Chemical Mutagens
S.P. Singh, B.K. Ambasta and Nalini Rathor
Asian J. Chem., Vol. 10, pp. 375-376 (1998)

Lactic Acid Fermentation by *Lactobacillus leichmannii* Exposed to Some Chemical Mutagens
S.P. Singh, Shashikant Kumar, Birendra Singh and B.K. Singh
Asian J. Chem., Vol. 10, pp. 377-378 (1998)

Phytochemical Study of Guar (*Cyamopsis tetragonoloba* L. Taub)
Joginder Singh, Umesh Kumar and Rajan Sood
Asian J. Chem., Vol. 10, pp. 379-380 (1998)

Spectral Absorbance of Dye Indicator and Liquid-Liquid Interactions
Ashvin N. Modi and C.M. Desai
Asian J. Chem., Vol. 10, pp. 381-382 (1998)

Dye Absorbance Spectral Study of Complex Ions of Zinc-Alkali Chloride in Methanol-Water
System
Ashvin N. Modi, C.M. Desai and P.L. Farasram
Asian J. Chem., Vol. 10, pp. 383-384 (1998)

Study of Molecular Complex Formation between Components, Chloroform and Arylamine in
Methanol with Dye Indicator Part-I
Rakesh Farasram, P.L. Farasram and C.M. Desai
Asian J. Chem., Vol. 10, pp. 385-387 (1998)

Hydrazino Di-methyl Substituted Quinolines as Antitubercular/Antibacterial Agents
Jiten Naik, Dinesh Patel, C.M. Desai and Pratibha Desai
Asian J. Chem., Vol. 10, pp. 388-390 (1998)

Study of Molecular Complex Formation between Components, Methanol and Hydrocarbons,
in Petroleum Spirit with Dye Indicator – Part-II
Rakesh Farasram, P.L. Farasram and C.M. Desai
Asian J. Chem., Vol. 10, pp. 391-392 (1998)

Elements of Nature
S.I. Pothen
Asian J. Chem., Vol. 10, pp. 393-394 (1998)

Trace Element Analysis in Ground-Water of Bhopal
H.C. Kataria and K.S. Dubey
Asian J. Chem., Vol. 10, pp. 395-396 (1998)

Spectral Dye Absorbance Interactions of *o*-Chloroarylimino Crotono, *o*-Chloro Aryl Imino
Cadmium Anilide with its Components
Ashvin N. Modi, C.M. Desai and Dinesh Patel
Asian J. Chem., Vol. 10, pp. 397-398 (1998)
Carbon – A Peculiar Element
S.I. Pothen
Asian J. Chem., Vol. 10, pp. 399-399 (1998)

BOOK REVIEW

Vibrational Spectroscopy: Theory and Applications (Prof. D.N. Sathyanarayana)
Reviewed by Prof. V.K. Saxena
Asian J. Chem., Vol. 10, pp. 400-400 (1998)