

LIST OF PUBLICATIONS

List of Research Papers Published in Various International Journals

A) Related to Doctoral Thesis:

1. "Analytical Applications of 2,6-Diacetylpyridinebis-4-phenyl-3-thiosemicarbazone and Determination of Cu(II) in Food Samples".
S. Adi Narayana Reddy, K. Janardhan Reddy, S. L. Narayana and A. Varada Reddy
Food Chemistry, 109(3), 654-659, 2008.
2. "Synthesis of New Reagent 2,6-Diacetylpyridinebis-4-phenyl-3-thiosemicarbazone (2, 6-DAPBPTSC): Selective, Sensitive and Extractive Spectrophotometric Determination of Co(II) in Vegetables, Soil, Pharmaceutical and Alloy Samples".
S. Adi Narayana Reddy, K. Janardhan Reddy, S. Lakshmi Narayana, Y. Sarala and A. Varada Reddy, *Journal of the Chinese Chemical Society*, 55, 326-334, 2008.
3. "A Sensitive, Selective New Analytical Reagent, 2,6-Diacetylpyridinebis-4-phenyl-3-thiosemicarbazone for the Extractive Spectrophotometric Determination of Mo(VI) in Food Samples".
S. Adi Narayana Reddy, K. Janardhan Reddy, S. Lakshmi Narayana, Y. Subba Rao and A. Varada Reddy, *Food Analytical Methods*, In press, 2008.

B) Other Publications:

4. "Extractive Spectrophotometric Determination of Trace Amounts of Cd(II) in Medicinal Leaves and Environmental Samples Using Benzildithiosemicarbazone (BDTSC)".
S. Adi Narayana Reddy, K. Janardhan Reddy, S. L. Narayana, D. Lalitha Priya, Y. Subba Rao and A. Varada Reddy, *Journal of Hazardous Materials*, 152, 903-909, 2008.
5. "Synthesis of New Reagent Benzyloxybenzaldehydethiosemicarbazone (BBTSC): Selective, Sensitive and Extractive Spectrophotometric Determination of Pd(II) in Water Samples and Synthetic Mixtures".
S. Lakshmi Narayana, K. Janardhan Reddy, S. Adi Narayana Reddy and A. Varada Reddy, *Journal of the Chinese Chemical Society*, 54, 1233-1241, 2007.
6. "Spectrophotometric Studies of Micro Amounts of Vanadium(V) in Environmental and Alloy Samples by Using 3, 4-Dihydroxybenzaldehydeisonicotinoylhydrazone (3,4- DHBINH)".
S. L. Narayana, K. Janardhan Reddy, S. Adi Narayana Reddy, J. R. Kumar and A. Varada Reddy, *Environmental Monitoring and Assessment*, 144, 341-349, 2007.

7. "Selective and sensitive extractive spectrophotometric determination of micro amounts of palladium(II) in spiked samples: using a new reagent N-ethyl-3-carbazolecarboxaldehydethiosemicarbazone".
K. Janardhan Reddy, J. Rajesh Kumar, C. Ramachandraiah, S. Adi Narayana Reddy, A. Varada Reddy, *Journal of Environ Monit Assess*, 136, 337-346, 2008.
8. "Benzyloxybenzaldehydethiosemicarbazone: Extractive Spectrophotometric Reagent for the Determination of Cu(II) in Food and Water Samples".
S. Lakshmi Narayana, K. Janardhan Reddy, S. Adi Narayana Reddy, Y. Sarala and A. Varada Reddy, *Food Analytical Methods*, 1, 293-299, 2008.
9. "Development of a highly sensitive and selective method for Extractive Spectrophotometric Determination of Aluminum(III) from Environmental matrices, synthetic mixtures, and alloys using orthohydroxypropiophenoneisonicotinoylhydrazone".
C. Ramachandraiah, J. Rajesh Kumar, S. Adinarayana Reddy, Jin-Young Lee and A. Varada Reddy, *Journal of Environ Monit Assess*, Available online December- 2008.

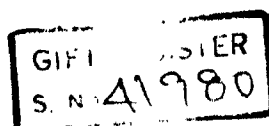
List of Research Papers Communicated to Various International Journals

10. "Synthesis of New Reagent and its Analytical applications of 2,6-diacetylpyridinebis-4-phenyl-3-thiosemicarbazone(2,6-DAPBPTSC): Extractive Spectrophotometric Determination of Cd(II) in foods and water samples".
S. Adinarayana Reddy, K. Janardhan Reddy, S. Lakshmi Narayana, Y. Subba Rao, B. Prathima and A. Varada Reddy.
Environmental Monitoring and Assessment, (Communicated).
11. "Synthesis of Novel Analytical Reagent, 2,6-Diacetylpyridinebis-4-phenyl-3-thiosemicarbazone and its Analytical Applications: Determination of Pd(II) in Spiked Samples".
S. Adinarayana Reddy, K. Janardhan Reddy, S. Lakshmi Narayana, C. Ramachandraiah, and A. Varada Reddy.
Journal of Brazilian chemical society, (Communicated).
12. "2,6-Diacetylpyridinebis-4-phenyl-3- thiosemicarbazone: Extractive Spectrophotometric determination of Zn(II) in food and water samples".
S. Adinarayana Reddy, S. Lakshmi Narayana, K. Janardhan Reddy, Y. Subba Rao, B. Prathima and A. Varada Reddy.
Journal of Agricultural and Food Chemistry, (Communicated).

List of Research Papers Published in National/International conferences

1. "Extractive Spectrophotometric Determination of Zinc(II) with 2,6-diacetyl-pyridinebis-4-phenyl-3-thiosemicarbazone(2, 6-DAPBPTSC)" in Food and Water samples".
S. Adinarayana Reddy, S. Lakshmi Narayana, C. Ramachandraiah, B. Prathima and A. Varada Reddy.
Indian Analytical Science Congress, 26, 2008, Munnar, Kerala, India.

2. "A New Synthesized Reagent: 2, 6-Diacetylpyridine bis-4-phenyl-3-thiosemicarbazone (2,6-DAPBPTSC) For Selective, Sensitive and Extractive Spectrophotometric Determination of Cobalt(II) in Vegetables, Soil, Pharmaceutical and Alloy samples".
S. Adinarayana Reddy, K. Janardhan Reddy, S. Lakshmi Narayana, B. Prathima and A. Varada Reddy.
International seminar on Analytical Chemistry-Its Importance in Industry, Environment and Health, 42, **2008**, Andhra University, Viskhapatnam, India.
3. "Analytical applications of 2,6-diacetylpyridine-bis-4-phenyl-3- thiosemicarba-zone(2,6-DAPBPTSC): Determination of Cd(II) in foods and water samples".
S. Adinarayana Reddy, C. Ramachandraiah, S.Lakshmi Narayana, B. Prathima, M. Venugopal Reddy and A. Varada Reddy.
International Conference on Frontiers in Chemical Research, OP 18, **2008**.
Mangalore University, Mangalore, India.
4. "Synthesis of a New Organic Reagent, 2, 6-Diacetylpyridinebis- 4-phenyl-3-thiosemi-carbazone and its Analytical Applications for the Determination of Mo(VI) in foods, and water samples".
S. Adinarayana Reddy, K. Janardhan Reddy, Y. Subba Rao, M. Venugopal Reddy and A. Varada Reddy.
Recent Research Trends in Synthetic Organic and Natural Products Chemistry, 69, **2008**, S.V.University, Tirupati, India.
5. "A Novel Analytical Reagent: 2,6-Diacetylpyridine bis-4-phenyl-3-thiosemicarba-zone(2,6-DAPBPTSC) For Extractive Spectrophotometric Determination of Pd(II) in Spiked Samples".
S. Adinarayana Reddy, K. Janardhan Reddy, S. Lakshmi Narayana, C. Ramachandraiah and A. Varada Reddy.
National Seminar on "Modern Trends in Analytical Methods of Analysis" 50, **2008**. S.K. University, Anantapur, India.



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