

REVUE ROUMAINE DE CHIMIE (ROMANIAN JOURNAL OF CHEMISTRY)

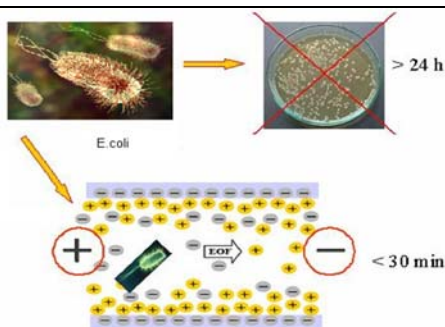
Tome 55, N° 6

Juin 2010

REVIEW

Ewa KŁODZIŃSKA, Ștefania TĂNASE,
Andra Alina TOMESCU, Marius MOGA and
Bogusław BUSZEWSKI

Capillary zone electrophoresis in determination
of microorganism



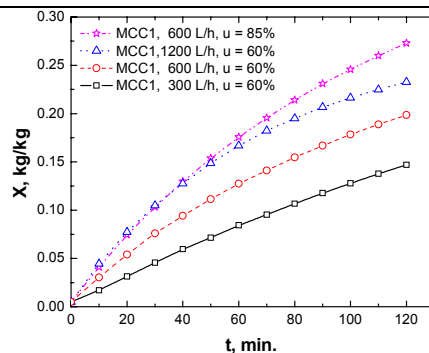
Rev. Roum. Chim., 2010, 55(6), 283-288

Key words: electrophoresis of bacteria, medical diagnosis,
detection methods.

PAPERS

Maria SPIRIDON, Marius Sebastian SECULA
and Stelian PETRESCU

Wet air drying by adsorption on active carbon
impregnated with calcium chloride

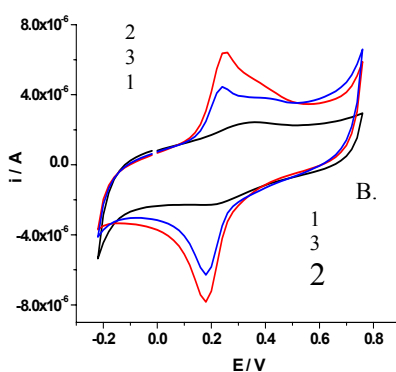


Rev. Roum. Chim., 2010, 55(6), 289-298

Key words: air drying; adsorption; mass transfer; composite material;
active carbon.

Ileana SANDU, Andreea LUNGU,
Cristian BOSCORNEA, Ștefan TOMAS and
Constantin MIHAILCIUC

Electrochemical study of two curcumin-like
compounds on activated glassy carbon electrode

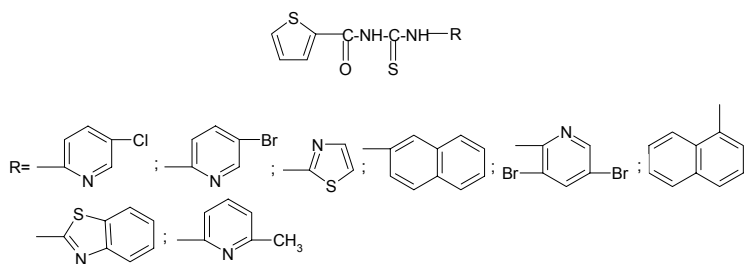


Rev. Roum. Chim., 2010, 55(6), 299-305

Key words: curcumin-like compounds, activated GCE, cyclic voltammetry
and differential pulse voltammetry.

Carmellina Daniela BĂDICEANU,
Constantin DRĂGHICI and
Alexandru-Vasile MISSIR

Synthesis and characterization of some biological active compounds on the basis of 2-thiophene carboxylic acid with heterocyclic amines

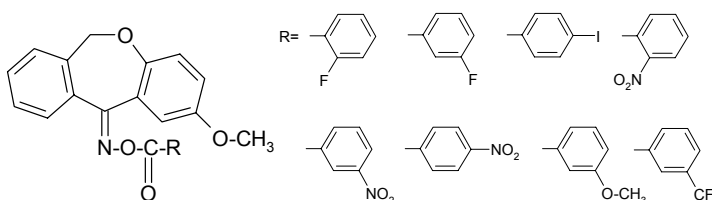


Key words: thiourea derivatives, thioureaides, 2-thiophenecarboxylic acid derivatives.

Rev. Roum. Chim., 2010, 55(6), 307-311

Carmen LIMBAN, Alexandru-Vasile MISSIR,
Ileana Cornelia CHIRIȚĂ, Rodica GUȚĂ,
Doina NĂNĂU-ANDREESCU,
George Mihai NIȚULESCU,
Constantin DRĂGHICI, Miron T. CĂPROIU,
Cristina DELCARU and
Mariana Carmen CHIFIRIUC

Synthesis, structural characterization and microbiological assays of some new 2-methoxy-O-acyl-oximino-dibenz[b,e]oxepins

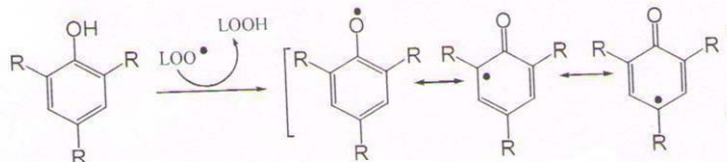


Key words: 2-methoxy-O-acyl-oximino-dibenz[b,e]oxepins, ¹H-NMR, ¹³C-NMR, *Staphylococcus aureus*.

Rev. Roum. Chim., 2010, 55(6), 313-319

Elena NEAGU, Gabriela PĂUN,
Veronica MOROEANU and
Gabriel Lucian RADU

Evaluation of antioxidant capacity of *Geranium robertianum* extracts

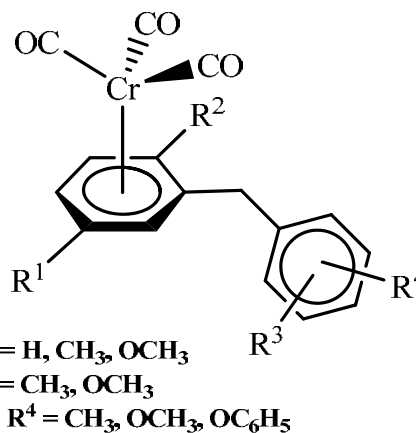


Key words: *Geranium robertianum* extracts, membrane processes, antioxidant capacity, DPPH, ABTS.

Rev. Roum. Chim., 2010, 55(6), 321-325

Sorin I. ROȘCA, Raluca STAN, Cristina OTT
and Elena PĂRLEA

Condensation reactions of planar chiral tricarbonyl-chromium-complexed benzylic alcohols and acetates with reactive arenes

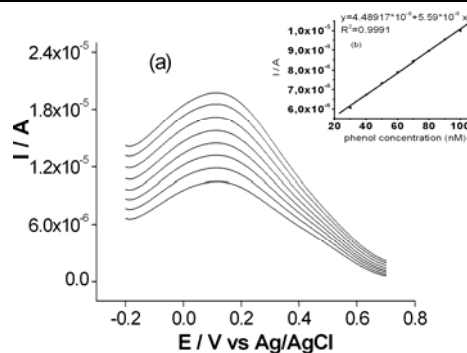


Key words: arene-tricarbonyl-chromium, planar chiral complexes, enantiomeric arene complexes.

Rev. Roum. Chim., 2010, 55(6), 327-333

Cecilia LETE, Stelian LUPU,
Mariana MARIN and Mihaela BADEA

New composite materials used in the phenol electroanalysis. Part I. Poly(azulene) / Prussian blue and Prussian blue / poly(azulene) films

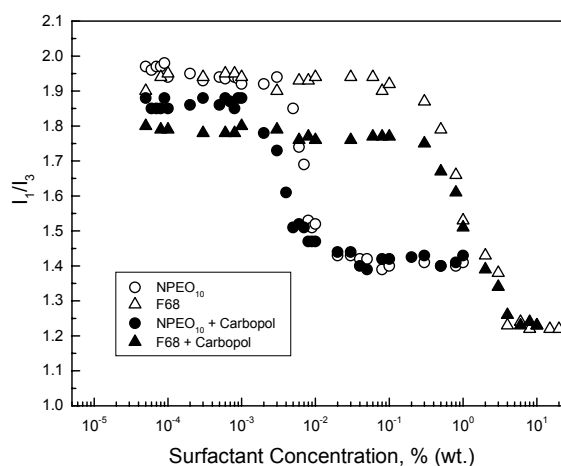


Key words: composite materials, polyazulene derivatives, cyclic voltammetry, square wave voltammetry, phenol.

Rev. Roum. Chim., 2010, 55(6), 335-340

Cornelia ILIE, Dan F. ANGHEL,
Marieta BALCAN, Alina IOVESCU,
Gabriela STÎNGĂ and Adriana BĂRAN

The behaviour of Carbopol 980 in aqueous solutions of non ionic surfactants. II. Evidence of complex formation by electrical conductivity, steady-state fluorescence, dye solubilisation and turbidity measurements

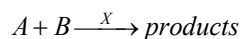


Key words: Pluronic F68, ethoxylated nonylphenol, Carbopol 980, interaction, complex formation, critical points.

Rev. Roum. Chim., 2010, 55(6), 341-347

Niculae I. IONESCU

Subsurface oxygen involved in kinetic of oscillatory heterogeneous catalytic reactions



Rev. Roum. Chim., 2010, 55(6), 349-352

Key words: oscillations, subsurface oxygen reaction.

