

# REVUE ROUMAINE DE CHIMIE (ROMANIAN JOURNAL OF CHEMISTRY)

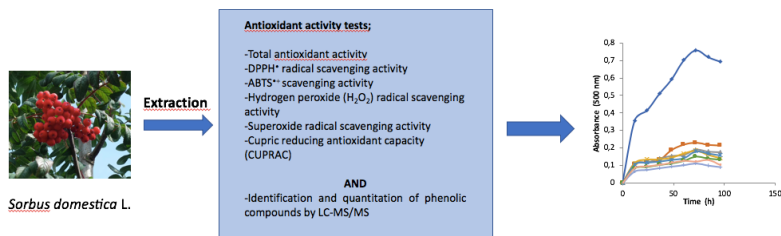
Tome 67, N<sup>os</sup> 6-7

Juin-Juillet 2022

## PAPERS

**Burhan CEYLAN and Yeşim YEŞİLOĞLU**

Investigation of antioxidant activity of antioxidant of *Sorbus domestica* L. extracts and determination of phenolic contents by LC-MS/MS

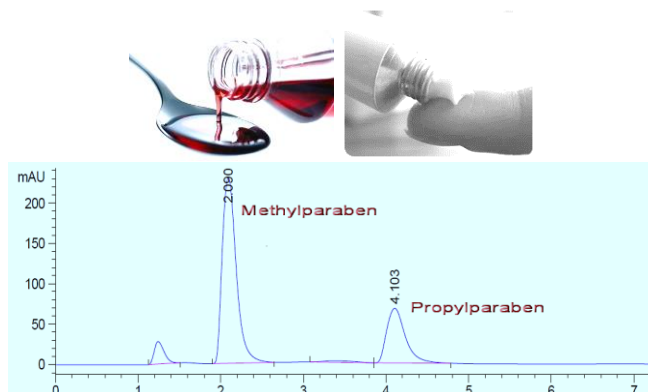


DOI: 10.33224/rch.2022.67.6-7.01  
Rev. Roum. Chim., 2022, 67(6-7), 343-351

**Key words:** antioxidant activity, *Sorbus domestica* L., Phenolic compounds, LC-MS/MS.

**Slavica SUNARIĆ, Miljan JEREMIĆ and Miroslava SPASIĆ**

Solid-phase extraction and HPLC determination of parabens from pharmaceutical hydrogels, multivitamin syrups and hand creams

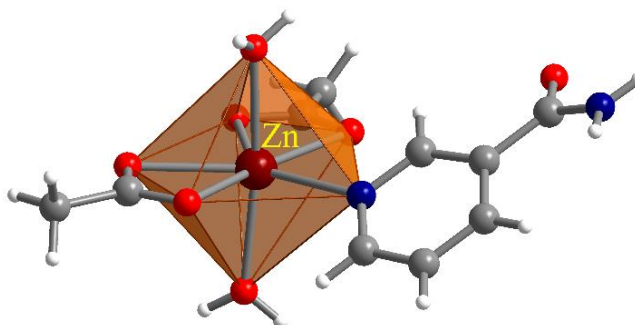


DOI: 10.33224/rch.2022.67.6-7.02  
Rev. Roum. Chim., 2022, 67(6-7), 353-363

**Key words:** parabens, hydrogels, multivitamin syrups, hand creams, SPE-HPLC.

**Laurențiu PRICOP, Augustin M. MĂDĂLAN and Anamaria HANGANU**

A new seven – coordinated complex of Zn(II) with nicotinamido and aceto ligands: synthesis and characterization



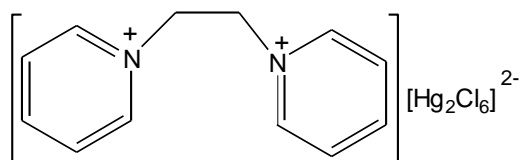
DOI: 10.33224/rch.2022.67.6-7.03  
Rev. Roum. Chim., 2022, 67(6-7), 365-371

**Key words:** zinc, seven – coordinated complex, nicotinamide, X – ray diffraction.



**Mahmoud M. Al-KTAIFANI,**  
**Mohammad K. SABRA,**  
**Abd Alaziz ALSHARIF and**  
**Fatemh MAKSOUH**

1,1'-(Ethylene-1,2-diyl)dipyridinium  
 [hexachlorodimercurate(II)]:  
 Synthesis, crystal and molecular structure

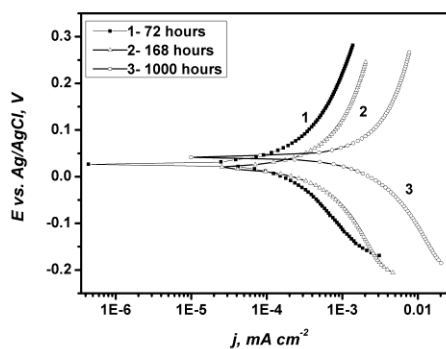


**Key words:** 1,1'-(ethylene-1,2-diyl)dipyridinium, hexachlorodimercurate, organic-inorganic hybrid salt, molecular structure, NMR, powder X-ray diffraction.

DOI: 10.33224/rch.2022.67.6-7.07  
*Rev. Roum. Chim.*, **2022**, 67(6-7), 407-414

**Gabriel DOBRI, Alexandra BANU,**  
**Gavril GHEORGHIEVICI, Luiza CAPRA and**  
**Maria MARCU**

Corrosion behavior of a cobalt alloy with less  
 chromium and molybdenum content in lactic  
 acid environment



DOI: 10.33224/rch.2022.67.6-7.08  
*Rev. Roum. Chim.*, **2022**, 67(6-7), 415-423

**Key words:** biomaterial, corrosion resistance, lactic acid, CoCrMo alloy.

