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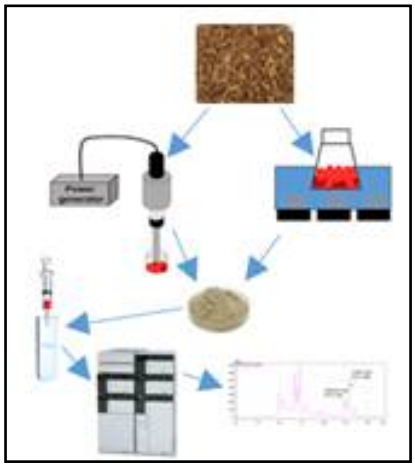
Prof. Dr. Ing. Gheorghe MARIA at his 65th anniversary – Excellency in Chemical and Biochemical Engineering

PAPERS

Imeda RUBASHVILI, Mzia TSITSAGI, Marine ZAUTASHVILI, Mariam CHKHAIDZE, Ketevan EBRALIDZE and Vladimer TSITSISHVILI

Extraction and analysis of oleanolic acid and ursolic acid from apple processing waste materials using ultrasound-assisted extraction technique combined with high performance liquid chromatography

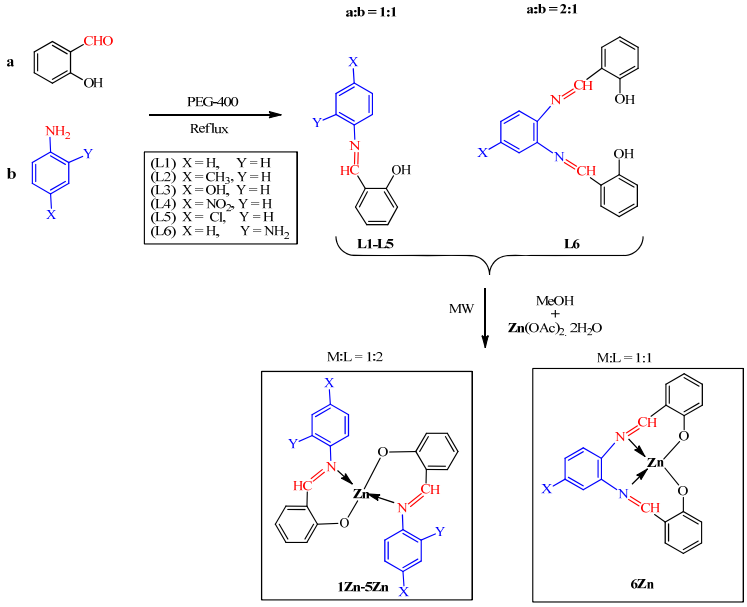


DOI: 10.33224/rrch.2020.65.10.07
Rev. Roum. Chim., **2020**, *65*(10), 919-928

Key words: oleanolic acid, ursolic acid, ultrasound-assisted extraction technique, HPLC method.

Uzma ALI, Aneela MAALIK, Muhammad Babar TAJ, Ahmad RAHEEL, Ahmad Kaleem QURESHI, Muhammad IMRAN, Muhammad SHARIF, Syed Ahmad TIRMIZI, Sadia NOOR and Heba ALSHATER

Facile synthesis, solublization studies and anti-inflammatory activity of amorphous zinc(II) centered aldimine complexes

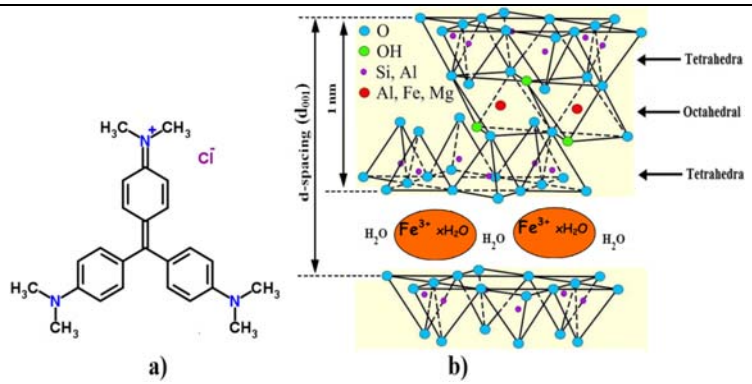


DOI: 10.33224/rrch.2020.65.10.08
Rev. Roum. Chim., **2020**, *65*(10), 929-941

Key words: aldimine derivatives, solubilization, anionic surfactants, anti-inflammatory activity

Soufiane BOUDJEMAA

Preparation and characterisation of montmorillonite-Fe^{3+} (MMT-Fe^{3+}) nanoclay mineral for crystal violet (CV) removal from aqueous solutions

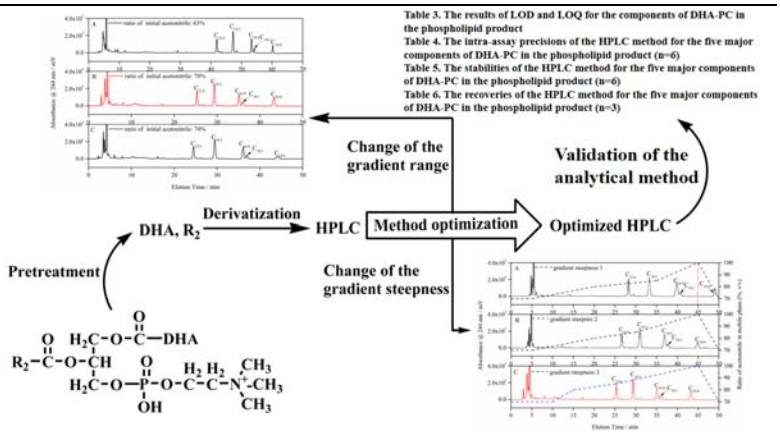


DOI: 10.33224/rrch.2020.65.10.09
Rev. Roum. Chim., **2020**, *65*(10), 943-953

Key words: montmorillonite, montmorillonite-Fe^{3+}, crystal violet, removal, adsorption, kinetics.

Li LIU, Tiantian ZHANG, Xiaoli ZHANG, Jiao WANG, Wenfang SHU, Xinyu QI, Binxia ZHAO and Binglin LI

An efficient method for determination of components in docosahexaenoic acid-phosphatidylcholine using pre-column derivatization HPLC



DOI: 10.33224/rrch.2020.65.10.10
Rev. Roum. Chim., **2020**, *65*(10), 955-962

Key words: DHA-PC, fatty acids, α-bromoacetophenone, triethylamine, HPLC.