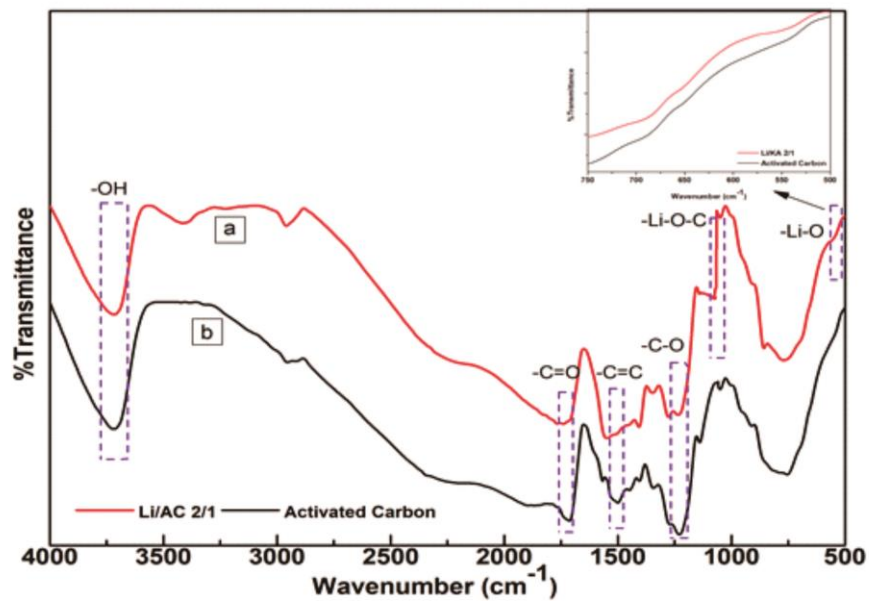


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PREFACE

Several interesting studies are reported in this volume 16 issue 3 on the use of natural resources for example the use of arrowroot plant (*Marantha arundinacea*) starch membrane for uric acid determination using an electrochemical detector, coconut shell activated carbon for lithium-ion battery and exploration the bioactive compound and antioxidant activity of fermented lead tree (*Leucaena Leucocephala* (Lmk.) De Wit) seeds. Other studies reported the natural products are the anti-inflammatory of *Centella asiatica* extract on the cadmium-induced rats, local pink shrimps based chitosan synthesis, characterization, antioxidant and antibacterial activity, bioactive compounds and Angiotensin-Converting Enzyme (ACE) activity inhibition of *Flacourtia rukam* leaves extract, a popular plant for hypertension treatment from south Sumatera, nigella sativa seeds as anti-cancer and the use of *Gnetum gnemon* peel extract as antibacterial active compound in organic soap.

There are also studies that reported the antibacterial and toxicity of secondary metabolites produced by a local microorganism of mangrove actinomycetes and the modification of palm empty fruit bunches bio-oil for better performances.

The detailed information of the Indonesian natural product exploration in this volume could be fully accessed on the website of www.jmolekul.com with the PDF full text available.

MOLEKUL is one of the limited international reputable chemistry journals in Indonesia that constantly maintain the quality of published article with highly competitive submission (acceptance rate of 42% in 2020) and growing Scopus CiteScore. MOLEKUL prioritizes articles that contain studies of natural resources in Indonesia and surrounding countries that show the local characteristics of tropical countries.

Editor-in-Chief

Amin Fatoni

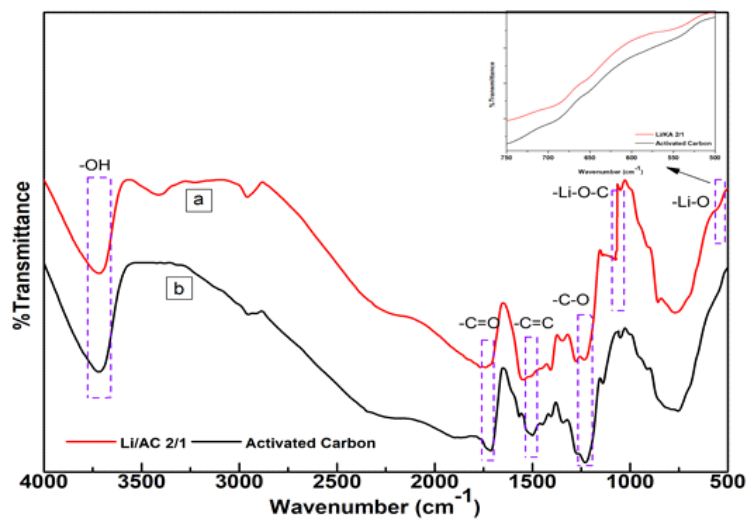
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Cover figure:

FTIR spectra of activated carbon and Li/AC 2/1 (see Annisa Syifaurrehman et al., pp 235 – 243)