

UNIVERSITI TEKNOLOGI MARA

**ASSESSMENT ON HALAL STATUS OF
ANTIBIOTIC AND ANTIFUNGAL
PRODUCTS AT HOPITAL SUNGAI BULOH**

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Dissertation submitted in partial fulfillment
Of the requirements for the degree of
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CONFIRMATION BY PANEL OF EXAMINERS

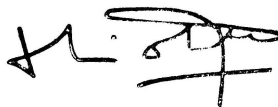
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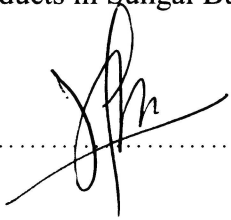


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I declare that the work in this thesis/ dissertation was carried out in accordance with the regulation of University Technology MARA. It is original and is the result of my own research, unless otherwise indicated or acknowledge as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, University Technology MARA, regulating the conduct of my study and research.

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ABSTRACT

Muslim consumers are progressively mindful and in search for Halal medicines. In hospital setting especially Hospital Sungai Buloh as Infectious Disease Centre, antibiotic and antifungal products are among the most common used. But, the Halal status of each product used is unknown. This study is intended to determine the status of Permissible/Halal or 'Shariah' comply of the antibiotic and antifungal products in Sungai Buloh Hospital. Antibiotic and antifungal products are composed of a combination of active ingredients, and inactive ingredients (excipients). These ingredients are obtained from a variety of sources; animals, plants or synthetic origin. Assessment to the products only based on product leaflets provided by pharmaceutical companies and used academic and other websites references. From this study, 90 products have been assessed, of these 18.9% permissible, 1.1% forbidden, 21.1% doubtful and 58.9% unknown. The compound in inactive ingredient that cause of forbidden is from alcohol. Meanwhile, the most common compound that cause of doubtful in active (100.0%) and inactive ingredients (69.6%) are from animal or plant or synthetic. More than half (58.9%) of the products cannot be assessed due to incomplete data from product leaflets especially for inactive ingredients. For the conclusion, all parties such as Ministry of Health, Pharmaceutical companies, health care professional and others should play their role to provide only permissible medicine for Muslim consumers to comply their religion.

Keywords: Halal status, antibiotic, antifungal, active ingredient, excipient

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