

NATURAL MEDICINAL PRODUCTS CENTRE

Kulliyah of Pharmacy

International Islamic University Malaysia

WE PROVIDE QUALITY CONSULTANCY SERVICES

OUR SPECIALISED INSTRUMENTAL SERVICES



FOURIER TRANSFORM INFRARED SPECTROMETER (FTIR)

[PerkinElmer Spectrum Two FT-IR Spectrometer]

- ▶ FTIR Fingerprinting of Herbal Samples/Extracts
- ▶ FTIR Metabolomics of Herbal Samples/Extracts
- ▶ Multivariate Data Analysis Using SIMCA Version 13.0, Umetrics



HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) SYSTEMS

[Agilent 1100 & 1200 Series with PDA Detector]

- ▶ HPLC Analysis of Herbal Extracts/Products
- ▶ Quantification of Bioactive Phytochemicals in Herbal Extracts/Products



GAS CHROMATOGRAPHY MASS SPECTROMETER (GC-MS)

[Agilent 6890N Network GC System, 5973 Network Mass Selective Detector & Updated GC-MS Database, NIST 2013]

- ▶ GC-MS Analysis of Herbal Extracts/Products
- ▶ GC-MS Metabolomics of Herbal Extracts/Products
- ▶ Multivariate Data Analysis Using SIMCA Version 13.0, Umetrics

ATOMIC ABSORPTION SPECTROMETER (AAS)

[PerkinElmer AAnalyst 800]

- ▶ Analysis of Heavy Metals Content in Herbal Products
- ▶ Elemental Analysis of Herbal Extracts/Products



For more information/further inquiries,
Kindly Contact

NATURAL MEDICINAL PRODUCTS CENTRE

Tel: +609 5716400 ext. 4937/ Fax: +609 5716775

E-mail: nmpc@iiu.edu.my