



اَللّٰهُمَّ صَلِّ وَسَلِّمْ عَلٰى نَبِيِّنَا مُحَمَّدٍ
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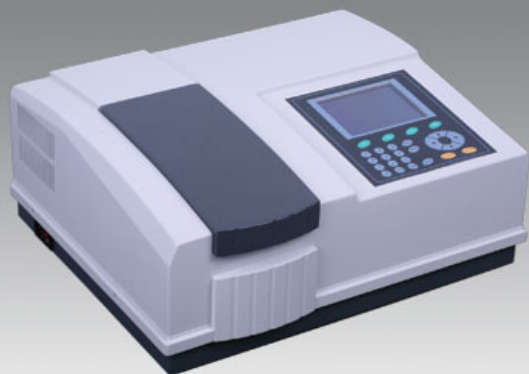
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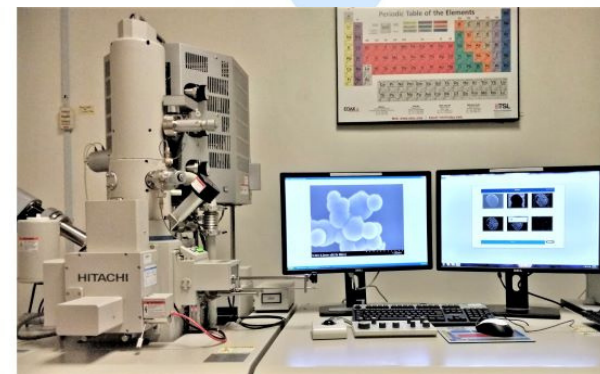
SENARAI
HARGA
SEWAAN
PERALATAN
DAN
MAKMAL



PERALATAN ANALISIS BERTEKNOLOGI TINGGI

EQUIPMENTS (ANALYSIS)	PRICE (RM/SAMPLE)	
	FACULTIES WITHIN UiTM	EXTERNAL INSTITUTION/ AGENCIES
Inductivel Coupled Plasma Optical Emission Spectroscopy (ICP- OES)	RM 30/Element	RM 80/ Element
Inductivel Coupled Plasma Mass Spectroscopy (ICP- MS)	RM100/Element	RM200/Element
Atomic Absorption Spectroscopy (AAS)	RM20/Element	RM40/ Element
Flow Injection Mercury System (FIMS)	RM20/Element	RM40/ Element
Gas Chromatography (GC) -FID, ECD, TCD	RM100	RM200
Gas Chromatography Mass Spectroscopy (GCMS)	RM150	RM300
High Performance Liquid Chromatography (HPLC)	RM100	RM150
HPLC- Amino Acid Testing	RM200	RM400
Ion Chromatography (IC)	RM50/ 3anions, RM30/ ≥ 3anions	RM100/ 3anions, RM80/ ≥ 3anions

EQUIPMENTS (ANALYSIS)	PRICE (RM/SAMPLE)	
	FACULTIES WITHIN UiTM	EXTERNAL INSTITUTION/ AGENCIES
Nuclear Magnetic Resonance Spectrometer (NMR)		
Analysis: $^1\text{H}^{**}$	RM60/ Sample	RM80/ Sample
Analysis: $^{13}\text{C}^{***}$	RM50/ Hour	RM100/ Hour
Analysis: 2D (HMBC/ HMQC)***	RM80/ Hour	RM150/ Hour
Fourier Trans form Infra Red (FTIR)	RM50/ Sample	RM100/ Sample
Single-Double Beam Spectrophotometer/ UV-Vis/ Fluorescence Spectrometer/ Chromameter	RM25/ Sample	RM50/ Sample
Video Spectral Comparator (VSC)	RM20/ Sample	RM50/ Sample
Electrostatic Detection Apparatus (ESDA)	RM50/ Sample	RM100/ Sample
Potentiostat (Autolab)	RM50/ Hour	RM100/ Hour



EQUIPMENTS (ANALYSIS)	PRICE (RM/SAMPLE)	
	FACULTIES WITHIN UiTM	EXTERNAL INSTITUTION/ AGENCIES
Voltametry Titrator	RM30/ Sample	RM50/ Sample
Pyrolysis Equipment	RM150	RM300
Evolved Gas Analyser	RM250	RM400
Gas Booster (High Liquid Pressure)	RM20/Day	RM50/ Day
Field Emission Scanning Electron Microscope (FESEM)- 3 Spot	RM100/Sample	RM250/ Sample
FESEM- Energy Dispersive X-ray (FESEM-EDX)- 3 Spot	RM150/Sample	RM300/ Sample
X-Ray Diffraction (XRD)	RM100/Sample	RM250/ Sample
Low Temperature Rosistivity & Electromagnet	RM50/ Sample	RM100/ Sample
Low Temperature Ultrasonic & RITEC High Power Ultrasonic Equipment	RM50/ Sample	RM100/ Sample



PERALATAN PENYEDIAAN DAN PERSAMPELAN

EQUIPMENTS (SAMPLE PREPARATION)	PRICE (RM/SAMPLE)	
	FACULTIES WITHIN UiTM	EXTERNAL INSTITUTION/ AGENCIES
Accelerated Solvent Extraction system (ASE)	RM200/ day	RM500/ day
Supercritical Fluid Extractor (SFE)	RM300/ day	RM600/ day
Solid Phase Extraction system (SPE)	RM50/ sample	RM100/ sample
Rotary Evaporator	RM50/ sample	RM100/ sample
Soxhlet Apparatus/ Distillation Apparatus	RM80/ sample	RM150/ sample
Microwave Digestor	RM50/ sample	RM100/ sample
COD Reactor / Hotblock Digestion System	RM30/ sample	RM50/ sample
Muffle Furnace	RM50/ day	RM100/ day
Universal Oven/ Dryer	RM40/ day	RM80/ day

EQUIPMENTS (SAMPLE PREPARATION)	PRICE (RM/SAMPLE)	
	FACULTIES WITHIN UiTM	EXTERNAL INSTITUTION/ AGENCIES
Analytical Balance/ Densimeter/ Moisture Balance	RM10/ sample	RM20/ sample
pH meter (Benchtop)	RM10/ sample	RM20/ sample
Melting Point Apparatus	RM10/ sample	RM20/ sample
YSI Handheld Multiparameter	RM100/ day	RM200/ day
Sieve Shaker	RM50/ sample	RM100/ sample
Waterbath Shaker	RM50/ day	RM100/ day
Orbital Shaker	RM50/ day	RM100/ day
Freeze Dryer	RM50/ day	RM100/ day
Oil Stabilizer	RM80/ sample	RM150/ sample
Refrigerated Centrifuge	RM50/ run	RM100/ run



EQUIPMENTS (SAMPLE PREPARATION)	PRICE (RM/SAMPLE)	
	FACULTIES WITHIN UiTM	EXTERNAL INSTITUTION/ AGENCIES
Hematocrit Centrifuge	RM100/ run	RM250/ run
Blood Glugometer	RM50/ day	RM100/ day
Autoclave (Max: 2 hours)	RM100/ run	RM200/ run
CO2 Incubator	RM50/ day	RM100/ day
General Incubator (Max: 5 day)	RM40/ day	RM80/ day
Laminar Airflow	RM50/ day	RM100/ day
Chiller/ Freezer (-20/-40/-60/-80)	RM30/ day	RM50/ day
Hydraulic Press	RM50/ sample	RM100/ sample
Diamond Cutter/ Low Speed Saw	RM50/ sample	RM100/ sample
Ball Mill	RM50/ day	RM100/ day
Multicyclone/ Hammer mill/ Grinder		
Injection Moulding	RM30/ sample	RM50/ sample

PENGUJIAN SAMPEL TEKNOLOGI TEKSTIL

TESTING PARAMETER	PRICE (RM/SAMPLE)	
	FACULTIES WITHIN UiTM	EXTERNAL INSTITUTION/ AGENCIES
Color	RM250	RM350
Width (cm)	RM50	RM80
Composition (%)	RM250	RM350
Weave Structure	RM50	RM100
Thread per cm - (Warp / Weft)	RM100	RM200
Mass (g/m ²)	RM50	RM100
Shrinkage (%) - (Warp / Weft)	RM250	RM350
Breaking Load (N) - (Warp / Weft)	RM250	RM350
Single Tear Strength (N) - (AcrossWarp/ Across Weft)	RM250	RM350
Color Fastness Tests - Washing (a)Change in color, (b)Staining	RM250	RM350
Color Fastness Tests - Washing (a)Change in color, (b)Staining	RM250	RM350
Color Fastness Test - Rubbing (a)Warp-Dry/Wet, (b)Weft-Dry/Wet	RM250	RM350
Color Fastness Tests - Light	RM250	RM350
Bursting (Normal State & After Immersion)	RM400	RM500
Pilling Resistance (Warp & Weft)	RM250	RM350



SEWAAN MAKMAL DAN PERUNDINGAN



EQUIPMENTS (PRACTICAL CLASS)	PRICE (RM/SAMPLE)	
	FACULTIES WITHIN UiTM	EXTERNAL INSTITUTION/ AGENCIES
Animal House (<i>Kabin tikus</i>)	RM 50/ day	RM 80/ day
Plant Culture room	RM 50/ day	RM 80/ day
Instrumentation Lab (Practical Class- Max:30 students)	RM2,000/ session (Excl. consultation)	RM3,000/ session (Excl. consultation)
Basic Laboratory (Practical Class- Max: 30 students)	RM1,500/ session	RM3,500/ session
Training & Consultation	RM50/ hour	RM100/ hour

