

	MAKMAL BERPUSAT UNIVERSITI MALAYSIA TERENGGANU 21030 Kuala Terengganu, Terengganu Fax : 09-668 3395	Form Num.	UMT/MB/M/2016/UV-VIS
		Sample No.	UV-VIS
UV-VIS ANALYSIS APPLICATION FORM (UV-1800 SPECTROPHOTOMETER SHIMADZU)			

APPLICANT'S PERSONAL PARTICULARS

Name of Applicant							
Status of Applicant *	Internal		Undergraduate		Master/PhD		Collaborator
	External		Student		Government		Private
Student ID / IC No.							
Faculty/ Department							
Hand Phone No. & Email							

SUPERVISOR DETAILS

Name of Supervisor							
Research Vot. No.							
Faculty/Department							
Hand Phone No. & Email							
Signature & Official Stamp Date							

SAMPLE INFORMATION

Type of Sample *	Liquid						
	Thin-Film						
	Gel-type						
	Other <i>(Please specify):</i>						
Total No. of Sample							
Sample Labels & Information							
Compounds To Be Detected							
Solvent							
Modes *	Photometric		Measures A @ %T of samples at known λ				
	Spectrum		Scan λ range to measure A @ %T of samples as a function of λ				
	Quantitation		Measure concentration of unknown samples by calibration curve of standard				
	Kinetic		Measure enzyme activity from time dependent change in absorbance				
	Time Scan		Measure change in the rate of A @ %T @ E in fixed λ				
	Multi-Component		Measure samples with up to 8 constituents				
	Bio-Method		Measure concentration of DNA & Protein				
Sample Properties *	Toxic		Carcinogenic		Normal		
Dilution *	Yes	<i>Please specify the dilution factor:</i>					
	No						
Request Cuvette *	Yes	<i>Types of Cuvette (specify)</i>		10mm Quartz		10mm Optical Glass	
	No						
Request UV-PC/Software UVProbe *	Yes	Lab Selection		Makmal Kimia Am		Makmal Spektroskopi	
	No						
Request Overnight * – Only for Kinetic Analysis	Yes	Until :					
	No						
User *	First timer User						
	Current User – Familiar with UV-1800						
Please Specify Any Result Expectation							

OFFICE USE

Date of Received	
Date of Completion	
Signature & Stamp of Person In-Charge	

*Please tick

General Rules and Requirement:

1. Any sample or derivation of swine/pork/lard/pig/dogs type is not accepted for analysis purposes.
2. Please refer to the website (<http://makmalberpusat.umt.edu.my/>) for further details of pricing and instrument. All analysis prices are subject to change.
3. All information provided should be true.
4. Booking procedure
 - a. Complete the application form including valid Research Vot. No.
 - b. Submit the completed application form to the lab staff.
5. Sample Condition & Preparation
 - a. Please bring acetone for cuvette rinse purposes.
 - b. Please inform / make reservation for cuvette a day before analysis.
 - c. Makmal Berpusat UMT has the right to cancel any analysis if the sample is suspected to have high risk on the safety of the operator or can cause damage to the instrument during the analysis.
6. All inquiries regarding UV-VIS Instrument should be forwarded to the Officer (Mr Mohd Azlien Bin A. Jalil/ 09-668 3292/ m.azlien@umt.edu.my)

REQUEST CUVETTE

	Date Borrowed	Date Returned	Signature & Stamp of Person In-Charge
1			
2			
3			
4			
5			