

PUSAT PENGURUSAN MAKMAL UNIVERSITI (PPMU)

Form Num.	UIRL/F/12
Version	1/2024
Effective Date	01/03/2024
Equipment	RAMAN XPLORA
Sample Serial No.	UIRL/

X-RAY & THERMAL ANALYSIS LABORATORY SAMPLE SUBMISSION FORM

General Rules and Requirements:

- 1. All information provided should be true
- 2. Booking will be notified/updated by email
- 3. Booking procedure
 - a. Complete the application form including valid research Vot number
 - b. Submit the completed application form to UIRL Sample Acceptance Counter
 - c. Fast Lane is offered to non-UTM customers with an additional 50% charge from the normal price
- 4. Sample Condition & Preparation
 - a. PPMU has the right to cancel any analysis if the sample is suspected to have a high risk on the safety of the operator or can cause damage to the instrument during the analysis. The cost of damages will be borne by the customer.
 - b. The sample's size for solid samples must be not more than 2 cm X 2 cm and have thickness below 3mm.
 - c. The remaining samples will be disposed of within a month after analysis is completed.
- 5. All inquiries regarding **RAMAN XPLORA** should be forwarded to Assistant Engineer, Mr. Md Razali bin Rehat, <u>mdrazali@utm.mv</u> or Science Officer, Mrs. Siti Zhahara binti Salleh, <u>szhahara@utm.mv</u> or or, tel: 07-5557786, or visit our website at <u>ppmu.utm.mv</u>.

1. APPLICANT'S PERSONAL PARTICULARS Name of Applicant Status of Applicant Undergraduate Master PhD Research Research Student Matric No. Faculty / Department Hand Phone No. & Email 2. SUPERVISOR DETAILS Name of Supervisor Staff ID No. Faculty / Department Hand Phone No. Email Mode of payment Research Vot No. (e.g.: Q.1091600.24C3.01D32) Balance of V29000 *A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities. Signature & Official Stamp 3. SAMPLE INFORMATION Number of Sample Name of Sample Sample Label Sample Type Solid Powder Measurement RAMAN AFM Wavelength Scan Size (1-100 µm) Top RAMAM-RAM monty Return sample Ves No														
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Scan Size (1-100 μm) *for RAMAN-AFM only	Measurement	RAMAN					AFM							
*for RAMAN-AFM only	Wavelength		532nm				78	85nm						
		μm												
<u> </u>			Yes					No						
Note: Please attach references for the expected result.														