|                                     | PUSAT PENGURUSAN MAKMAL<br>UNIVERSITI (PPMU) | Form Num.         | UIRL/F/163                                    |  |  |
|-------------------------------------|--|-------------------|---|--|--|
| ST TTTTT                            |  | Version           | 2/2025  |  |  |
|                                     |  | Effective Date    | 15/05/2025                                    |  |  |
| UNIVERSITI TEKNOLOGI MALAYSIA       |  | Equipment         | X-ray Diffraction<br>analysis<br>(XRD POWDER) |  |  |
|                                     |  | Sample Serial No. | UIRL/   |  |  |
|                                     |  | Page              | 1 of 2  |  |  |
| X-RAY & THERMAL ANALYSIS LABORATORY |  |                   |   |  |  |
| SAMPLE SUBMISSION FORM              |  |                   |   |  |  |

## **General Rules and Requirements**

| 1.      | All information provided should be true.  |   |  |  |  |  |  |
|---------|---|---|--|--|--|--|--|
| 2.      | Sample  | Sample submission procedure.  |  |  |  |  |  |
|         | a.  | Complete the Sample Submission Form including a valid research vote number.   |  |  |  |  |  |
|         | b.  | For sample submission via walk-in : Submit the completed Sample Submission Form and samples to UIRL Sample Acceptance Counter   |  |  |  |  |  |
|         | с.  | For sample submission via mail : Submit the completed Sample Submission Form and the samples. Samples must be packaged in a suitable container for courier delivery. The parcel should be addressed to the person in charge of the instrument, as it will be received directly by them. |  |  |  |  |  |
| 3.      | Fast lane Service : A priority testing service that provides results within 3 to 7 working days instead of the usual 14 working days. It is offered based on availability with an additional 50% charge from the normal price. Customers must contact the person in charge for this service.        |   |  |  |  |  |  |
| 4.      | For sample criteria and conditions, refer to UIRL Sample Submission Criteria in the PPMU website at ppmu.utm.my   |   |  |  |  |  |  |
| 5.      | PPMU has the right to cancel any analysis if the sample is suspected to have a high risk on the safety of the operator<br>or can cause damage to the instrument during the analysis. The cost of damages will be borne by the customer.<br>Posted samples will be received by laboratory personnel. |   |  |  |  |  |  |
| 6.      | Only samples that are ready to be analyzed are accepted by the lab.   |   |  |  |  |  |  |
| 7.      | The remaining samples will be disposed of within a month after analysis is completed.   |   |  |  |  |  |  |
| 8.      | Quotation will be provided upon request.  |   |  |  |  |  |  |
| 9.      | Payment must be made within fourteen (14) working days after invoice is issued.   |   |  |  |  |  |  |
| 10.     | Analysis duration is within fourteen (14) working days after receiving the samples.   |   |  |  |  |  |  |
| 11.     | The laboratory will provide test results after the payment proof presented to the laboratory personnel.   |   |  |  |  |  |  |
| 12.     | All enquiries regarding <b>XRD POWDER</b> should be forwarded to Assistant Science Officer, Mr. Mohd Izzam bin Idrus, m.izzam@utm.my or Science Officer, Mrs. Diyana Sakinah binti Mohamed Soder, diyanasakinah@utm.my, tel: 07-5557725 or visit our website at ppmu.utm.my.                        |   |  |  |  |  |  |
| * 11 00 |   | be submitted  |  |  |  |  |  |

\*All pages must be submitted

|                                     |  | Form Num.         | UIRL/F/163                                    |  |  |
|-------------------------------------|--|-------------------|---|--|--|
| STUTAN UNICES T T T T T T T T       | PUSAT PENGURUSAN MAKMAL<br>UNIVERSITI (PPMU) | Version           | 2/2025  |  |  |
|                                     |  | Effective Date    | 15/05/2025                                    |  |  |
| UNIVERSITI TEKNOLOGI MALAYSIA       |  | Equipment         | X-ray Diffraction<br>analysis<br>(XRD POWDER) |  |  |
|                                     |  | Sample Serial No. | UIRL/   |  |  |
|                                     |  | Page              | 2 of 2  |  |  |
| X-RAY & THERMAL ANALYSIS LABORATORY |  |                   |   |  |  |
| SAMPLE SUBMISSION FORM              |  |                   |   |  |  |

## Application details :

| 1. APPLICANT'S PERSONAL PARTICULARS                     |   |                   |          |                       |                       |   |          |          |
|---|---|-------------------|----------|-----------------------|-----------------------|---|----------|----------|
| Name of Applicant                                       |   |                   |          |                       |                       |   |          |          |
| Status of Applicant                                     |   | Undergraduates    |          | Master                | PhD                   |   |          | Research |
| Student Matric No.                                      |   |                   |          |                       | •                     |   |          | •        |
| Faculty/ Department                                     |   |                   |          |                       |                       |   |          |          |
| Hand Phone No.  |   |                   |          |                       |                       |   |          |          |
| Email   |   |                   |          |                       |                       |   |          |          |
| 2. SUPERVISOR DETAILS                                   |   |                   |          |                       |                       |   |          |          |
| Name of Supervisor                                      |   |                   |          |                       |                       |   |          |          |
| UTM Staff ID No.  |   |                   |          |                       |                       |   |          |          |
| Faculty/Department                                      |   |                   |          |                       |                       |   |          |          |
| Hand Phone No.  |   |                   |          |                       |                       |   |          |          |
| Email   |   |                   |          |                       |                       |   |          |          |
| Signature & Official Stamp                              | *A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities   Official Stamp   I have read and agreed to the General Rules and Requirements |                   |          |                       |                       |   |          |          |
|   |   |                   |          |                       |                       |   |          |          |
| 3. PAYMENT  |   |                   |          |                       |                       | _ |          |          |
| Method of Payment                                       |   | UTM PayHub System |          |                       | Log card              |   | Invoice  |          |
| Mode of Service   | Normal  |                   |          |                       | Fast Lane             |   |          |          |
| Payment using Invoice                                   | Research Vot No.     (e.g.: Q.J091600.24C3.01D32)     Balance of V29000   |                   |          |                       |                       |   |          |          |
| 4. SAMPLE & ANALYSIS INFORMATION                        | 1   |                   | <b>I</b> |                       |                       |   |          |          |
| Name of Sample  |   |                   |          |                       |                       |   |          |          |
| Total Number of Sample/s                                |   |                   |          |                       |                       |   |          |          |
| Sample Properties                                       |   | тохіс             |          | CARCINOGENIC OTHERS : |                       | : |          |          |
| Sample i.d/Labels                                       |   | l                 |          |                       |                       |   |          |          |
| Range of Measurement<br>Standard (3° to 90°)            | From =° to =°   |                   |          |                       |                       |   |          |          |
| Expected result<br>Al2O3, TiO2, Zif-8                   |   |                   |          |                       |                       | _ |          |          |
| Type of Analysis  |   | Scan Only (Basic) |          |                       | Scan With<br>Matching |   | Matchin  | g Only   |
| Sample Properties                                       |   | Тохіс             |          |                       | Carcinogenic          |   | Others : |          |
| Return Sample   |   | Yes               |          |                       | No                    |   |          |          |
| Note: Please attach references for the expected result. |   |                   |          |                       |                       |   |          |          |