# X-Ray Analytical Service (XRD) Requisition Form
# Centre for Advanced Research in Sciences (CARS)
# University of Dhaka, Dhaka-1000, Bangladesh

E-mail: cars@du.ac.bd, Fax: +88-02-9667222; Form is available at

X-ray equipment: RIGAKU Ultima IV X-ray Diffractometer

| | | |
|---|---|---|
| **Name of Teacher/Person** | : | Professor Dr. Md. Iqbal Ahmed |
| **Department/Institute/Address** | : | Pharmacy Discipline, Khulna University |
| **Date of Requisition** | : | 2024-08-26 |
| **Laboratory** | : | Basic Facilities and Sample Processing Laboratory |
| Service Name | : | XRD (Crystalline/Amorphous powder) |
| **Sample ID** | : | Sample 1 |
| **Number of Samples** | : | 1 |
| **Sample Type** | : | Pharmaceutical |
| **Sample Composition** | : | Silver nanoparticle |
| **Sample Nature** | : | |
| **If the sample Contains Mositure or Volatile Org. Solvent (VOS)** | : | Absent |
| **Sample stability** | : | Air and moisture stable |
| **Sample amount / size** | : | Not less than 500 mg |
| **Scan range (2-theta0)** | : | 10<sup>0</sup>-70<sup>0</sup> |
| **Step/min** | : | Standard (3 degree/minute) |
| **Submit Date** | : | 2024-08-27 |
| **Category for Billing** | : | Category C: Service to individual/consultant/institution/agency |
| Cost | : | Tk. 2000 |
| **Student/Person** | : | Md Ali Akbar |
| **Mobile No** | : | 01788068958 |
| **Email** | : | aliakbar181118@gmail.com |

a. Please note that Pen-drive is not allowed to transfer data from XRD. A blank CD has to be provided with the requisition form if electronic files of the XRD data is requested.

Signature of teacher/person requesting the service: ----------

Recommendation from concerned chariman/director
I hereby attest the above declaration and recommend that the above analysis be billed under category ----------

**Name and Signature of Chairman/ Director (with seal):** ----------

Department/Institute: ----------
Date:

Centre for Advanced Research in Sciences (CARS), University of Dhaka reserves the right to accept or reject any service request without stating any reason thereof.

**(For use by the CARS):**

Requisition book entry serial & date:
Date (s) analyses performed:
Total number of samples done:
Analysis log book entry serial & date:

_____
Chief Scientist/Principal Scientist/Senior Scientist/Scientist/Analyst

Calculation of Bill: ----------

Bill number: ---------- Date: ----------

_____
Principal Accounts Officer

Centre for Advanced Research in Sciences (CARS), University of Dhaka reserves the right to accept or reject any service request without stating any reason thereof.