



**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 Moisture or Volatile Org. Solvent (VOS)	:	Absent
Sample stability	:	Air and moisture stable
Sample amount / size	:	Not less than 500 mg
Scan range (2-theta <sup>0</sup> )	:	10 <sup>&lt;sup&gt;0&lt;/sup&gt;</sup> -70 <sup>&lt;sup&gt;0&lt;/sup&gt;</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:

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**(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