

With the submission of the form and sample, you authorize charging the below listed account. Please fill the form in as completely as possible, indicate the proposed structure (2DChemDraw) and reaction leading to the submitted material. List known stereo centers. The PDF form should be named **SCXRD\_SampleSubmission\_Plinitials\_YourInitials\_YourSampleID.pdf**. The sampleID should be a lab notebook number and page; please no names and dates. Please email the saved (**NOT** printed to PDF!) form to [iumsc.indiana.edu](mailto:iumsc.indiana.edu) before bringing the sample. Label your vials with your sample; unmarked samples will be discarded. Any sample believed to be air, moisture or otherwise sensitive should be submitted in more than one container. You will receive email notifications on sample processing. Final results will be available on our [Reciprocal Net server](#) upon completion of the analysis. Please pick up your vials after completed analysis.

Date Submitted: \_\_\_\_\_ Account/PO: \_\_\_\_\_

Submitters Name: \_\_\_\_\_ Email Address: \_\_\_\_\_

Research Group or Affiliation: \_\_\_\_\_ Email PI: \_\_\_\_\_

Your Sample ID, e.g. AA\_ZZ\_VI\_99: \_\_\_\_\_ Crystal Color: \_\_\_\_\_

PI initials\_Your Initials\_Lab Notebook Number\_Page  
Please no names, abbreviations, and dates! Label all vials with this code.

Request:	Structure Determination	Structure Determination User	Data Only
	SCrAPS/ChemMatCARS	Screening	Unit Cell

Sum formula: \_\_\_\_\_ Single enantiomer    Absolute configuration needed

Proposed structure (required for SCXRD), preferred labeling:

Insert or supply a .jpg/.gif/.png file.

**For IUMSC use only**

Location \_\_\_\_\_  
Crystal color & shape \_\_\_\_\_  
Crystal size in  $\mu\text{m}^3$  \_\_\_\_\_  
Instrument \_\_\_\_\_  
Radiation/el. \_\_\_\_\_  
Temperature in K \_\_\_\_\_  
Distance in mm \_\_\_\_\_  
Frame width in  $^\circ$  \_\_\_\_\_  
#Sets/Mode/Time (s) \_\_\_\_\_  
Resolution in  $\text{Å}$  \_\_\_\_\_  
Redundancy \_\_\_\_\_  
Crystallographer \_\_\_\_\_  
Comments \_\_\_\_\_

**Required for SCXRD:**

Crystals grown from (method & solvents): \_\_\_\_\_

Other solvents used: \_\_\_\_\_

Collection Temperature    Room Temperature (RT)    173 Kelvin    153 Kelvin    Other: \_\_\_\_\_

Radiation    Molybdenum (Mo)    Copper (Cu)    Other: \_\_\_\_\_

Sample Stability    Stable at RT    Loses solvent (*please supply in mother liquor*)

Stable in open container at RT    Other: \_\_\_\_\_

Sensitivity    Air    Water    Light    Solvent Loss    Other: \_\_\_\_\_

Special Instructions / Precautions: \_\_\_\_\_

Related samples (IUMSC# or CCDC ref codes): \_\_\_\_\_

Other comments: \_\_\_\_\_