

# Caltech X-Ray Crystallography Facility

## Sample Submission Form

**Requester:\*** \_\_\_\_\_

Compound ID: \_\_\_\_\_ Date: \_\_\_\_\_

PTA: \_\_\_\_\_

Required if you have more than one or it has changed

**Phone:\*** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

**Email:\*** \_\_\_\_\_

**Minimum Data Quality Requested?\***

Anything       Connectivity       Publication

Precautions:

Toxic       Moisture sensitive:  
 Air sensitive       Light sensitive:  
 Save sample       Other: \_\_\_\_\_

Other analyses performed:

EA    IR    MS    NMR    X-Ray

**Analysis Requested:**

Unit cell determination       Data collection  
 Complete structure determination  
 Absolute      or       Relative configuration  
 Other: \_\_\_\_\_

Crystallization Solvents:

All other solvents sample has come into contact with:

Synthetic Route or Starting Materials Used:

Unit cell of known compounds (include volume):

**Proposed Structure:\***      Labeling scheme optional.

**Proposed Chemical Formula:\*** \_\_\_\_\_

For Facility Use Only:      Date: \_\_\_\_\_

Sample ID: \_\_\_\_\_

Operator: \_\_\_\_\_      Quality: \_\_\_\_\_

Color: \_\_\_\_\_      Morphology: \_\_\_\_\_

Xtal temp: \_\_\_\_\_      Exposure time: \_\_\_\_\_

Size: \_\_\_\_\_ x \_\_\_\_\_ mm

a: \_\_\_\_\_      b: \_\_\_\_\_      c: \_\_\_\_\_

$\alpha$ : \_\_\_\_\_       $\beta$ : \_\_\_\_\_       $\gamma$ : \_\_\_\_\_

Space group: \_\_\_\_\_      V: \_\_\_\_\_

Unit cell       Collection       Refinement

NC   ID   NI   RD      Billed: \_\_\_\_\_

Comments: