

Notre Dame X-ray Structure Work Order

Name: First Last Date Submitted: / / Phone/Extn:
Professor: Room: User Code:
e-mail: Account Number:

Proposed Chemical Formula:

Sensitive: Air Water Light Temperature

Proposed Structure (*including counterions and solvents used*)

For X-ray Facility Use

X-ray Code:

Time On: <u> </u>	Date On: <u> </u> / <u> </u> / <u> </u>	Unit Cell from Data Collection
Time Off: <u> </u>	Date Off: <u> </u> / <u> </u> / <u> </u>	No. Reflections: <u> </u>
Temperature: <u> </u> K	$2\theta(\text{min}) =$ <u> </u>	$2\theta(\text{max}) =$ <u> </u>
Crystal Size: <u> </u> × <u> </u> × <u> </u> mm	a = <u> </u>	$\alpha =$ <u> </u>
Crystal Color: <u> </u>	b = <u> </u>	$\beta =$ <u> </u>
Crystal Habit/Shape: <u> </u>	c = <u> </u>	$\gamma =$ <u> </u>
<input type="checkbox"/> Unit Cell Determination	V = <u> </u>	R(int) = <u> </u>
<input type="checkbox"/> Data Collection; Frame Time: <u> </u> sec	Integration Resolution: <u> </u> Å	
<input type="checkbox"/> Duo- Mo <input type="checkbox"/> Duo - Cu <input type="checkbox"/> Kappa -Mo	Absorption Correction: <u> </u>	
<input type="checkbox"/> APEX -Mo <input type="checkbox"/> Synchrotron: λ <u> </u>	T(min): <u> </u>	T(max): <u> </u>