

Pre-Experiment information

Name: _____ Research Group or Class: _____

Email: _____ Room #: _____ Phone #: _____

Date: _____

Purpose(s): Class Project Paper Presentation Proposal Characterization (no intent to publish)

Sample Name: _____

Chemical Formula: _____

Sketch of Anticipated Molecular Structure:

Synthetic route or source of sample: _____

Crystallization procedure: _____

Solvent(s): _____

Does your submitted sample contain any hazardous material(s)? no yes *If yes include SDS

Is your sample: Air Sensitive Moisture Sensitive Heat sensitive Cold sensitive

Experimental Information

Crystal 1 size: _____ x _____ x _____ mm³ / Shape: _____ Color: _____

Crystal 2 size: _____ x _____ x _____ mm³ / Shape: _____ Color: _____

Crystal 3 size: _____ x _____ x _____ mm³ / Shape: _____ Color: _____

Crystal 4 size: _____ x _____ x _____ mm³ / Shape: _____ Color: _____

Crystal 5 size: _____ x _____ x _____ mm³ / Shape: _____ Color: _____

X-ray Source: Mo Cu Temperature: _____ Detector distance: _____ Scan Width: _____

Target resolution(Å): _____ Exposure time(s): _____ Fast Scan Time(s): _____

Examination Unit Cell Determination Full Data Collection Full Refinement