

# Single Crystal Diffraction Request Form

Date: \_\_\_\_\_

SUBMITTED BY

Name: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Direct Tel. No.: \_\_\_\_\_

Supervisor: \_\_\_\_\_

 School/Centre: *Tick all that apply.*

- 
- Queen's University Belfast
- 
- 
- School of Chemistry and Chemical Engineering
- 
- 
- Other School \_\_\_\_\_

- 
- External
- 
- 
- Almac
- 
- Radox
- 
- 
- GLT
- 
- Other \_\_\_\_\_
- 
- 
- MOFF

- Individual Category:
- Undergraduate Practical/Project
  - Masters
  - Post-graduate
  - Postdoctoral
  - Staff
  - Other \_\_\_\_\_

## DETAILS OF SAMPLE(S)

Type of Sample(s)

- 
- Inorganic
- 
- 
- Organic

Powder Data Collected:

- 
- Yes
- 
- If yes, please provide.*
- 
- 
- No

 Additional Sample Information:  
*(e.g. Hygroscopic)*












 \_\_\_\_\_  
 \_\_\_\_\_

Air sensitive samples:

- 
- Yes
- 
- 
- No

Sample Code	Sample(s) (Maximum of 3)		
	1	2	3
Empirical Formula			
Possible Structure(s)			
All Solvents used in synthesis			
Quantity			

**SAFETY** (Tick all that Apply) ASEP reserve the right to refuse to test samples if they pose a risk to our staff. The request may be forwarded to your supervisor.

										
Health Hazard	Toxic	Corrosive	Irritant	Flammable	Oxidising	Explosive	Compressed Gas	Dangerous for the environment	Biological	Radioactive

Additional Recommended Safety Controls: \_\_\_\_\_

**CHECKLIST** *If you are not able to CHECK all of the boxes below, please speak to Dr. Peter Nockemann BEFORE submitting sample(s).*

- 
- Sample(s) submitted in screw top vials
- 
- 
- A maximum of 3 samples have been submitted
- 
- 
- All relevant information has been provided in this form

## EXPERIMENTAL DETAILS

Pre-screening determines if a sample is suitable for measurement:

- Identification of crystal quality
- Pre-experiment (from which the computer determines the measurement method)

Measurements:

- 
- Standard
- 
- 
- Full Redundant Data Set

## RESULTS (To be completed by the analyst)

Sample Code

Laboratory Ref. No.


**Results will be emailed to the person submitting samples using the e-mail address provided on this form.**
*N.B. Results usually take between 4 – 6 weeks.*

Comments \_\_\_\_\_

Analyst \_\_\_\_\_

Date: \_\_\_\_\_