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| **SAMPLES FOR SINGLE CRYSTAL X-RAY DIFFRACTION** |
| **NAME :****Email:** |  | LAB NO. |  | PHONE NO. |  |
| DATE |  | Sample Ref. No. |  |  |
| **User contribution:** | **Solution and refinement**  |  | **Basic refinement** |  | **Labeling & pictures**  |  |
| **Project code** |  | **Supervisor/grant holder signature** |  |  |
|  | **X-ray sample code:** |  |  |  |

Please return completed forms to Dr. Georgina Rosair in G.07 Put your labeled sample in the analytical services fridge. The **BOLD** Sections below MUST be filled out please!

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| **AVOID OIL/GREASE IN BULK SAMPLE?****(yes *only* if essential for keeping remaining sample clean for further analysis)** | Y/N |
| **Empirical FORMULA**  |  |
| **Has the structure of related compounds and /or starting materials been determined?** |  | Filename(s) |  |
| C:H:N Analysis | Experimental | : : | Theoretical | : : |
| Other Analytical Techniques Used & Information Gained (*e.g*. CO from infrared) |  |
| **Solvent(s) of crystallisation** |  |
| Is solvent present in crystal? (*e.g.* seen in an nmr spectrum of crystals from this batch). If yes what is it? |  |
| **Hazards associated with this sample** |  |
| IS THE SAMPLE STABLE? | In air? | In light?  | At room temperature? | Without mother liquor vapour? |
| **\*Please draw a diagram of the expected structure on the other side of this sheet** |

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| Reasons why crystal structure analysis is required and chemical background (e.g. refs.) |
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| **PLANS FOR PUBLICATION:**  |