Requisition for PXRD Service

Name:	Date:
Email:	Supervisor:

Sample Name:	Sample no:	Chemical Composition/Expected Elements:

If you enclose more than one sample make sure that they are labeled with the correct numbers

Data Collection:	☐ Standard settings:		☐ Personalized settings:	
	Start Angle (2Θ)	5	Start Angle (2Θ)	
	End Angle (2Θ)	90	End Angle (2Θ)	
	Time per step (s)	40	Time per step (s)	
	Step size (º)	0.026	Step size (º)	

A standard run takes ~10 min

☐ Return the sample after running it.

Protocol for handling samples:

- Put your sample in a sample holder, wipe it with ethanol and put it in a zip-lock bag.
- Leave the bag in the tray outside the X-ray room.
- Email this requisition to Frederik Lund at fwl@sdu.dk with information about the sample and the desired settings for obtaining the diffractogram.
- All work is done with gloves and the sample holder is wiped with ethanol before it is returned to the zip-lock bag. If you do not want the sample back it will be discarded.
- Data is delivered via email.
- After the sample has been run it can be picked up in the tray outside the X-ray room.