CMMAC Chemical, Molecular and Materials Analysis Centre
Department of Chemistry
National University of Singapore

X-ray Diffraction Laboratory
Powder/Thin Firm X-ray Diffraction Request Form

Date submitted: _____

Name of the Student: _____Phone: _____(Lab)_____(HP)E-mail: _____

Name of the Supervisor:Prof/Dr._____Signature:_____

Name of Department/ Company:_____

I)**Sample information:**

1. Sample ID: _____
2. Hazardous Properties: □* Explosive □* Corrosive □* Radioactive* □* Flammable:* □* Carcinogenic □* Teratogenic

***Please tick at the appropriate box**

3. Sample Components:(please fill in Section A or B)

For Thin Film sample:

1st layer compound: _____Thickness:_____

2nd layer: compound:_____ Thickness:_____

Substrate: compound: _____

For Powder Sample:

Components: 1. _____2. _____3._____

II) **Scanning Parameters**:

1. 2θ ranges : From_____° to _____° 2.. Air/ Vacuum
2. Temp steps:(For variable temperature analysis)

Step No	Temp(°C)	Rate:(°C /sec)

For department use:

Sample code :_____Date of analysis: _____Name of analyst:_____

Total Machine Time :_____