TGMS-MEASUREMENTS

LEGEND:	white: *please fill in*	light gray: *optional*	dark gray: *don't fill in*

Full Name / Group:	Phone:	E-mail: @fhi-berlin.mpg.de	Date:

SAMPLES

Sample composition (general): *(include solvents if still present)*

Hazards: ❍  ❍  ❍  ❍  ❍ 

Sample number and description	File name
1)	
2)	
3)	
4)	
5)	

MEASUREMENT CONDITIONS

(If unknown, **discuss with Andrey Tarasov, F 1.03 Tel.: 4527**)

Target temp. [°C]	Ramp rate [K/min]	Hold time [min]	Gas phase

Inertgas: Argon

Crucible type/material: Al_2O_3, V=85µl
Temp.& sens. calibration: 2, 5, 10 Kpm

Other requests:

mg to be used:

Do you want XRD analysis of the solid product? ❍ **Yes** ❍ **No**

Do you need gas phase analysis (mass spectrometer)? ❍ **Yes** ❍ **No**

If you request **gas phase analysis**, give expected gas phase products and **the masses** which you would like monitored:

Please add to remark any known hazards, toxic or relevant reactivity informations, including toxicity of gas phase products and melting or boiling (sublimation) temperatures if known.

Measurement Type:

- ○ Routine TG-DSC-MS (Simultaneous thermal analysis up to 1600°C NETZSCH "Jupiter")
- ○ Routine TG-MS (thermal analysis up to 1000°C NETZSCH "Libra")
- ○ High sensitive DSC (DSC up to 600°C on METTLER "Prometheus")

Please consider the goal of the measurement before your proposal!
Scientific question to be answered:

Priority (reasons) / Deadline:

Remarks:

(hazards, melting point, sublimation temperatures)