

## Project description Thermal Analysis

**Firma, Institute:**

**Contact person:**

**Phone:**

**Email:**

**Application(s):**

**Method:** DSC (with or without  $c_p$ -determination), DTA, TGA or STA

**Material:**

**Sample type (solid / liquid / amorphous / crystalline):**

**Sample amount or volume min. - max. [mg or ml]:**

**Crubile material, chemical compatabilit:**

**Temperature range [-180°C ... +2000°C]:**

**Heating / cooling rates [K/min]:**

**Atmospheres, gases, humidity:**

**Sorption / Desorption:**

**UV accessories:**

**Preasure / vacuum:**

**Coupling with GC, MS, FTIR, direct, capillary, Netzsch, external systems**

**Data to be collected:**

**Aim(s) of analysis / standards:**

**Raw data:**

**Data import and export:**

**Automatic Sample Changer:**

**Software features (please answer with yes or no):**

*AutoEvaluation* (automatic evaluation for DSC, TGA & STA):

*Identify* (database comparison for DSC, TGA & STA):

KIMW-Datenbank (polymer database; for DSC):

*BeFlat*<sup>®</sup> (baseline for TGA & STA):

Determination of specific heat capacity (for DSC & STA):

SUPER-RES (rate-controlled temperature management for TGA & STA):

*c-DTA*<sup>®</sup> (additional DTA-Signal for TGA & STA):

Temperature-Modulation (for DSC, TGA & STA):

Autocalibration (automatic calibration for DSC & TGA):

Peak Separation (for DSC, TG & STA):

Purity determination (for DSC & STA):

Kinetics Neo (kinetic analysis):

LIMS support:

*Proteus*<sup>®</sup> *Protect* (21 CFR Part 11 & IQOQ) necessary:

**System(s) currently in use:**

**Next desired steps:** call, sample measurement, offer, ...

**Available budget:**

**Timetable for budget request / investment:**

**Notes / informationen:**