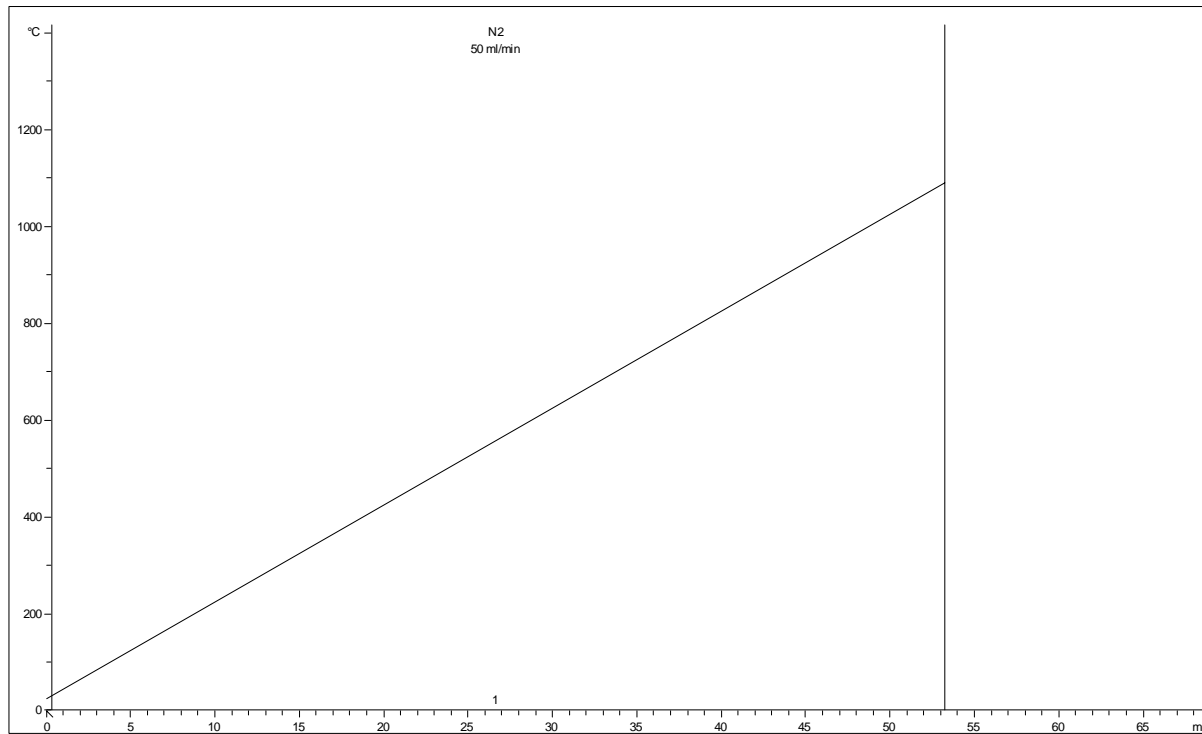


# TGA-DTA

Group 5

# Method $K_2SO_4$

TG



Lab: METTLER

STAR® SW 8.10

$K_2SO_4$

Melting point: 1069

Temp prog.

Start T: 25 °C

End T: 1090 °C

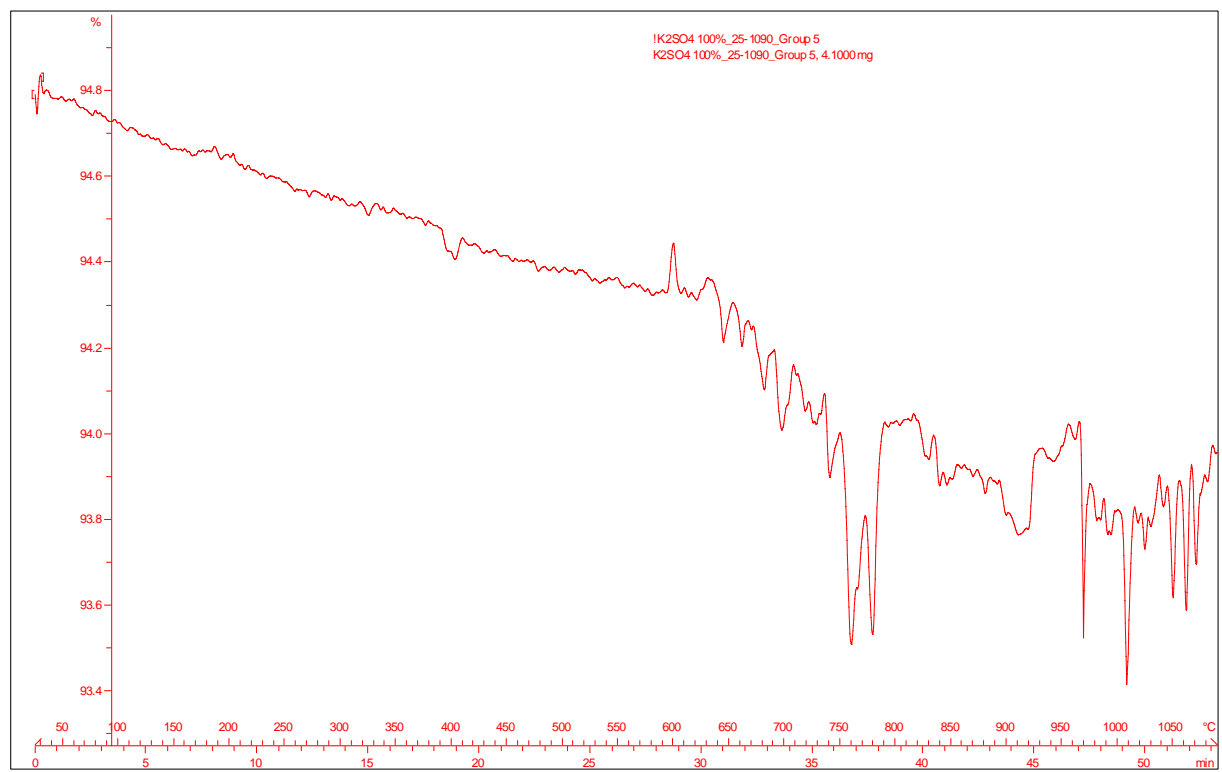
Heating rate: 20

°C/min

Gas:  $N_2$

Flow rate: 50 ml / min

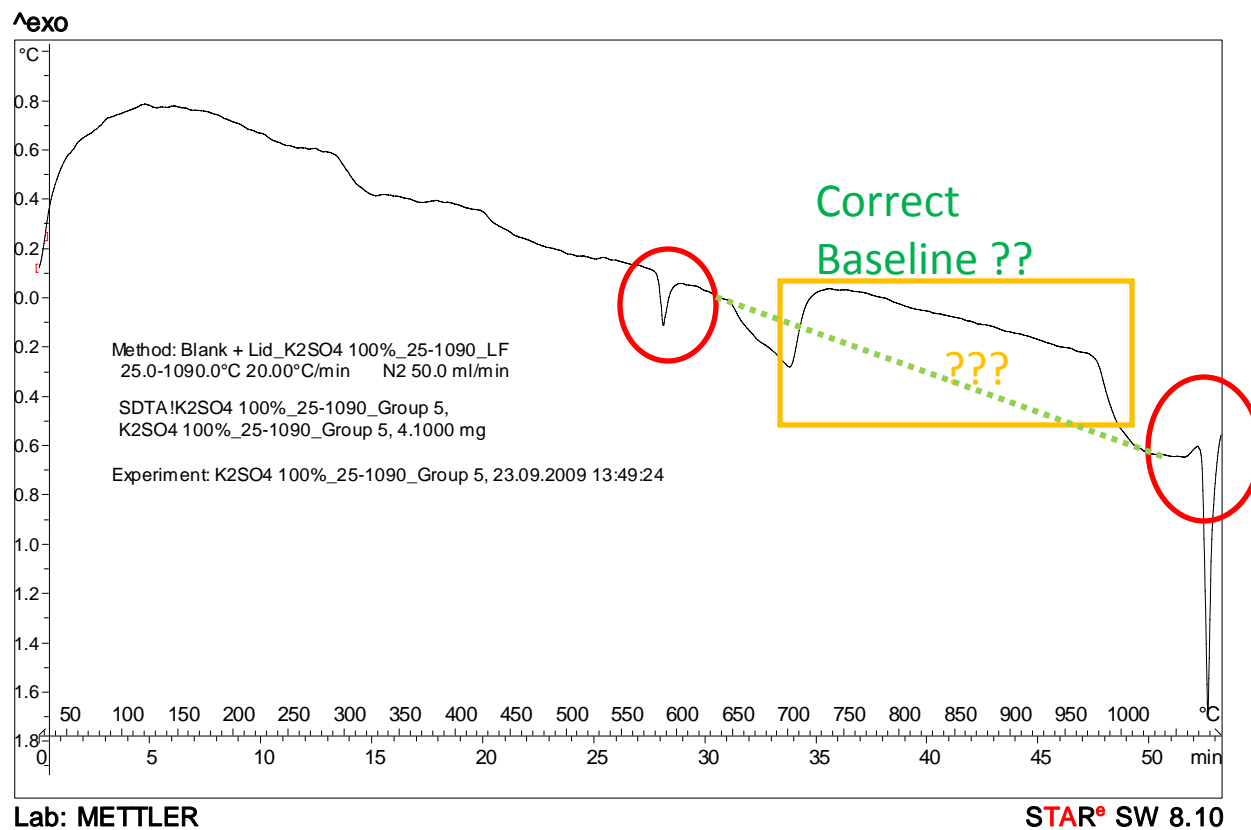
# TGA



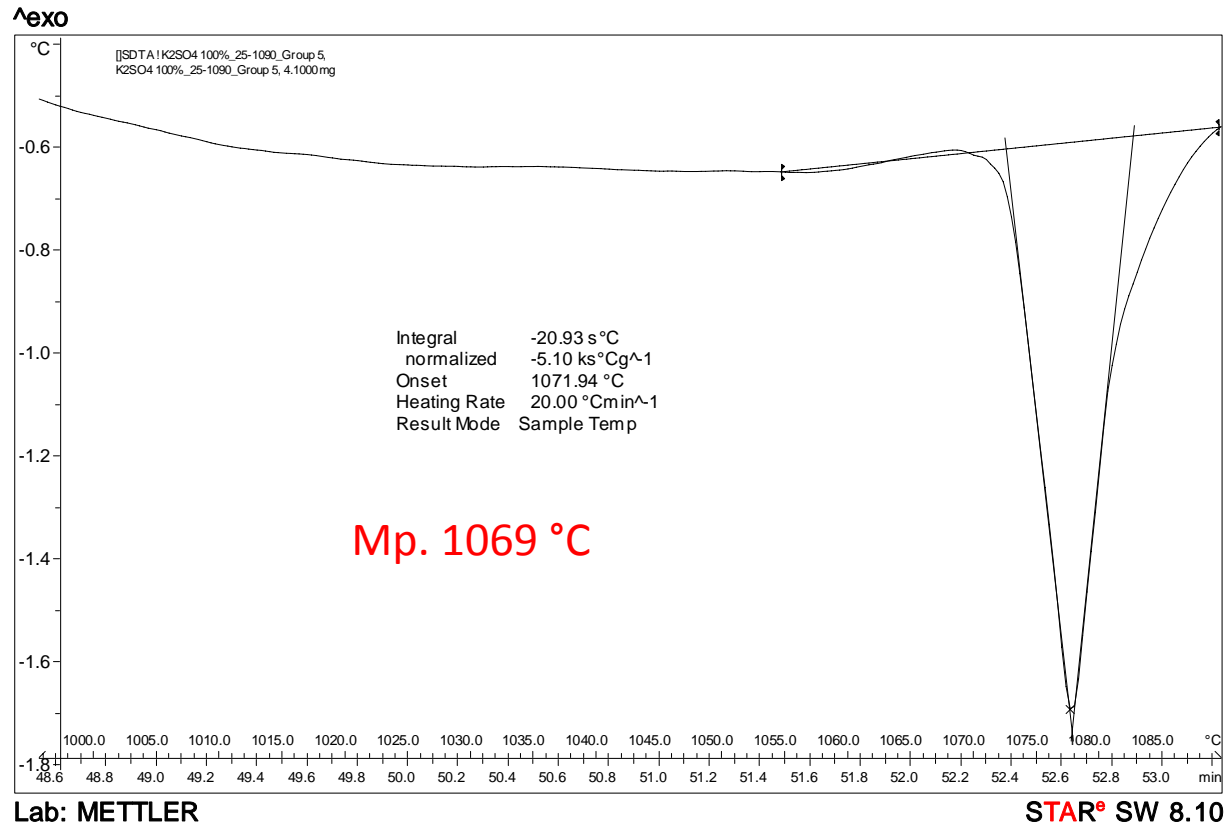
Lab: METTLER

STAR<sup>9</sup> SW 8.10

# SDTA curve

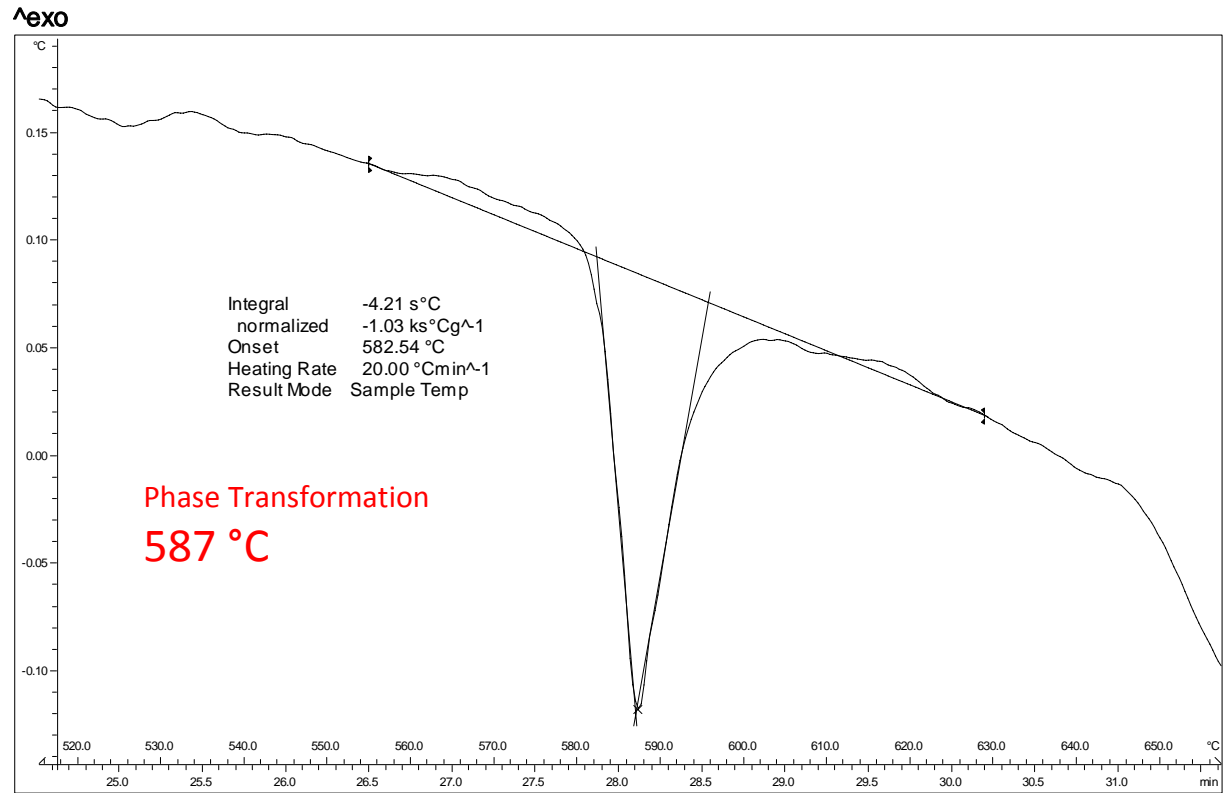


# Melting peak of $K_2SO_4$



Mp. 588 °C

# Phase transformation $K_2SO_4$



Lab: METTLER

STAR<sup>®</sup> SW 8.10