

TGA-SDTA

KCI 100%

Group 2

(Linda, Pontus & Frida)

Method

- Temperature: 25-830°C
- Heating: 20°C/min
- N₂-flow: 50mL/min

Experiment

- KCl 100% (Melting point 770°C)
- Crucible with lid (empty): 0.2182 g
- Sample weight: 5.2 mg

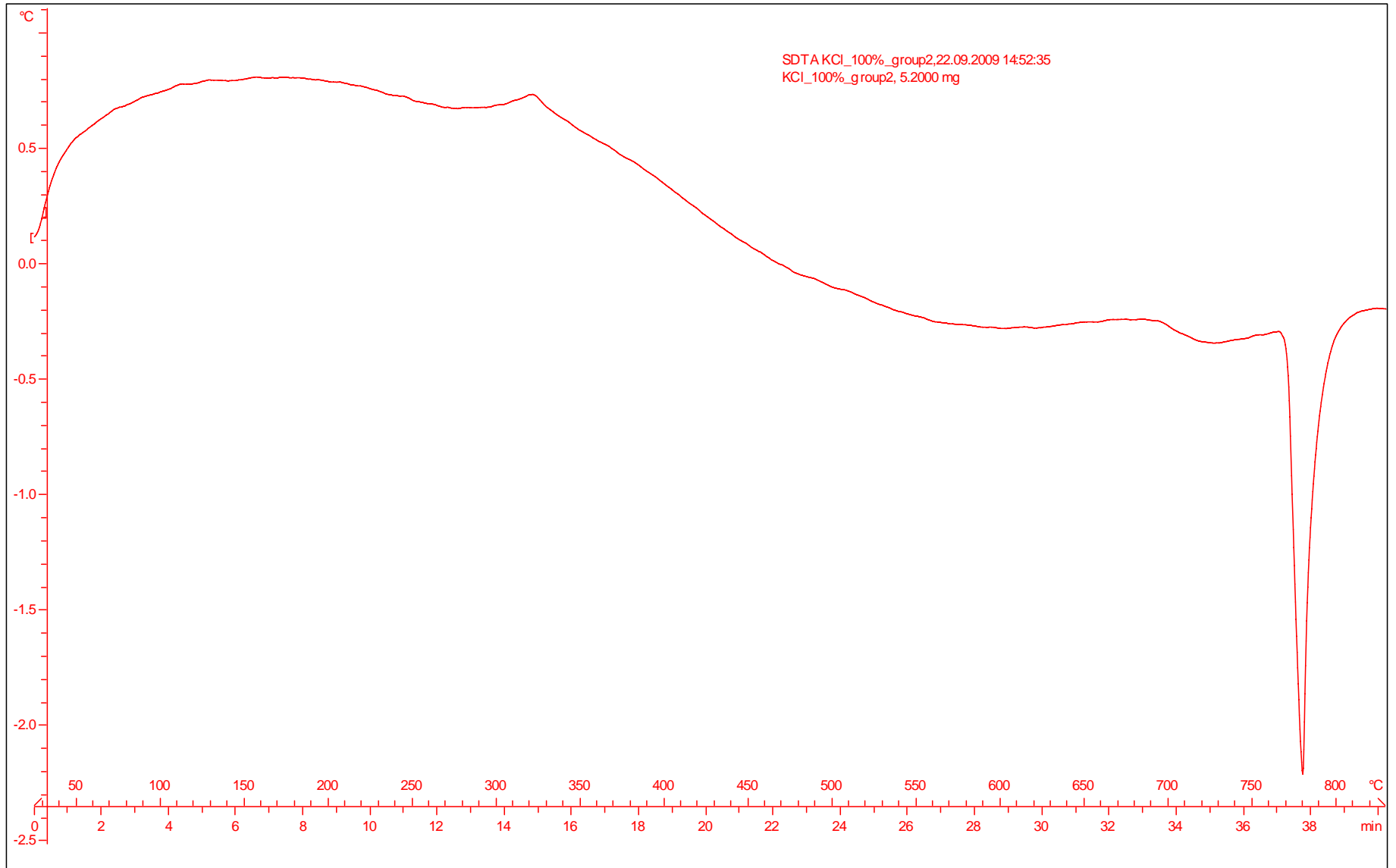
Results

- TG-curve is not analysed for this measurement

(See next slide for DTA-curve)

- In the DTA-curve a very characteristic endothermic peak is visible at 770°C
- There is also a exothermic peak at 320°C, this might be a contamination(?).

^exo

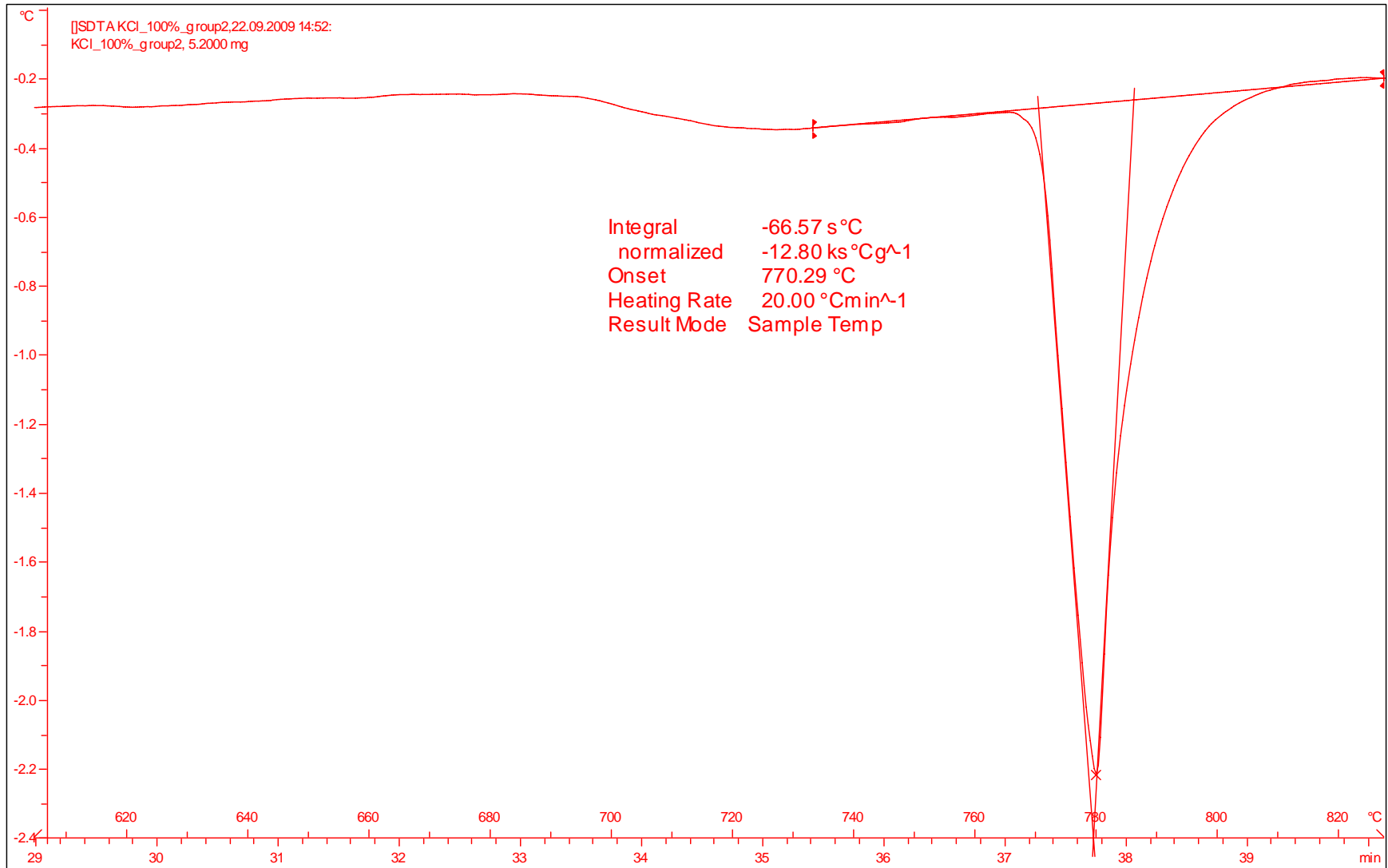


Lab: METTLER

STAR^e SW 8.10

Calculations from computer program

^exo



DSC vs DTA, peak integral