

TGA-DTA

Group 4

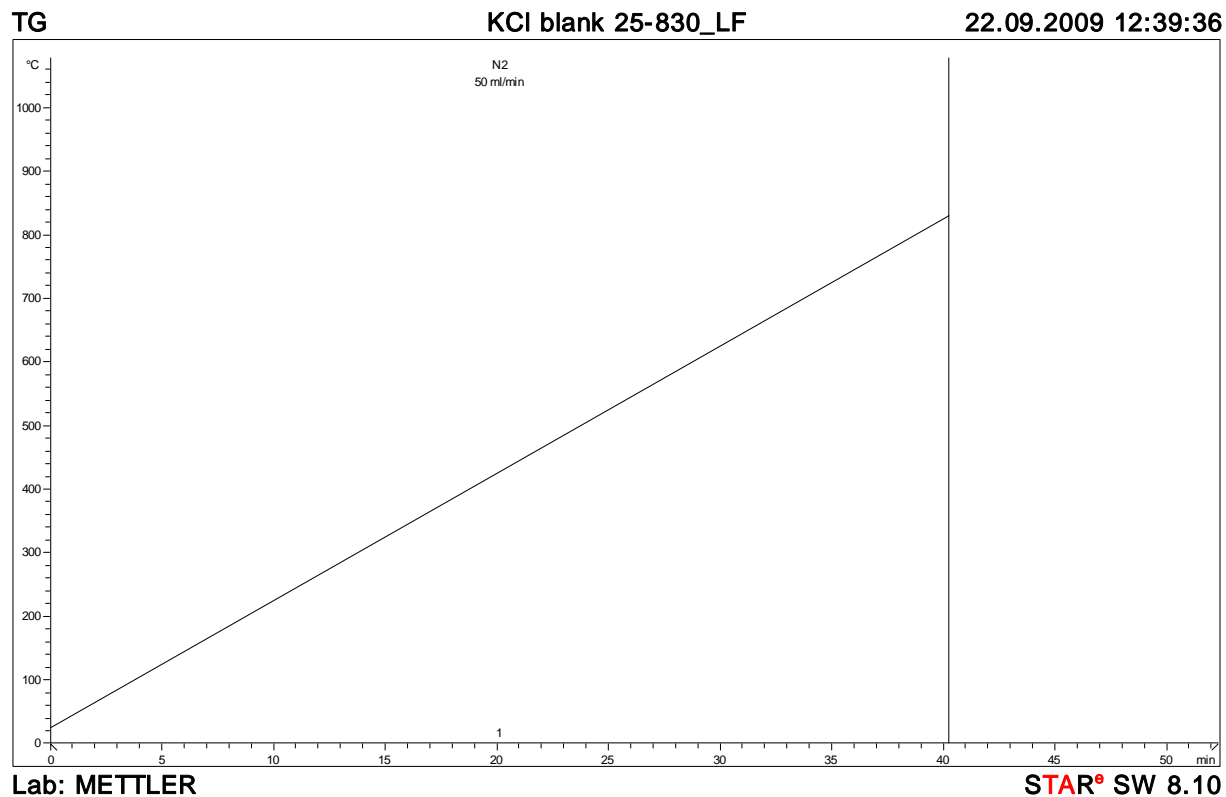
Sample

- KCl – K₂SO₄ mixture

- calc

Method KCl

Sample is eutectic mixture KCL-K2SO4



Melting point: ?

Temp prog.

Start T: 25 °C

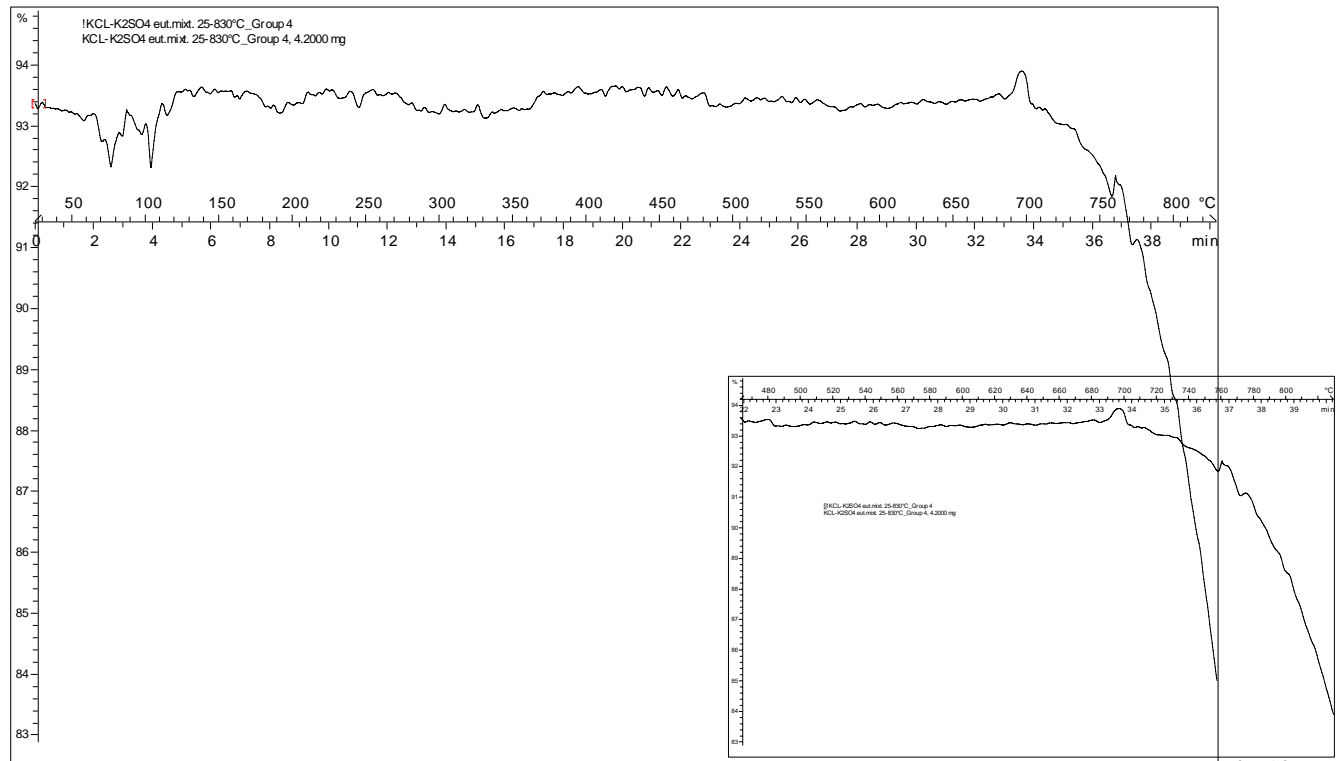
End T: 830 °C

Heating rate: 20
°C/min

Gas: N₂

Flow rate: 50 ml / min

TGA



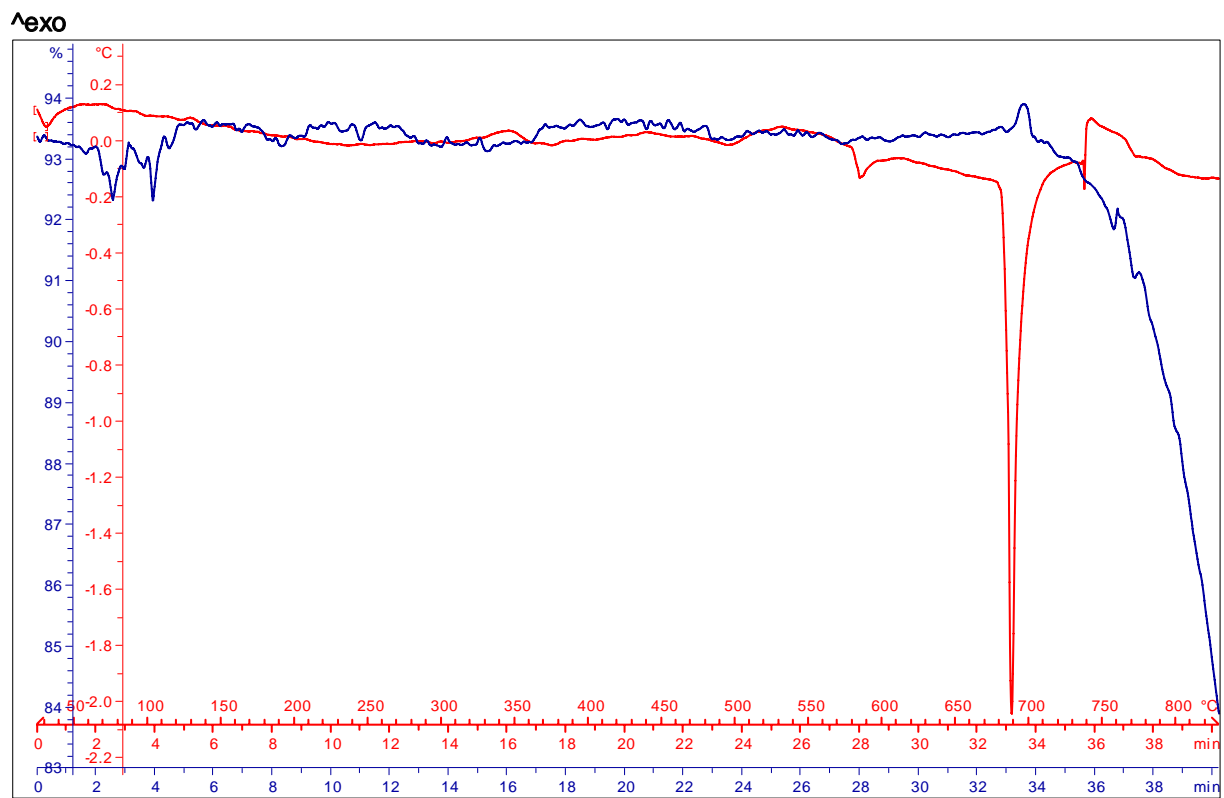
Lab: METTLER

Lab: METTLER

STAR⁹ SW 8.10

STAR⁹ SW 8.10

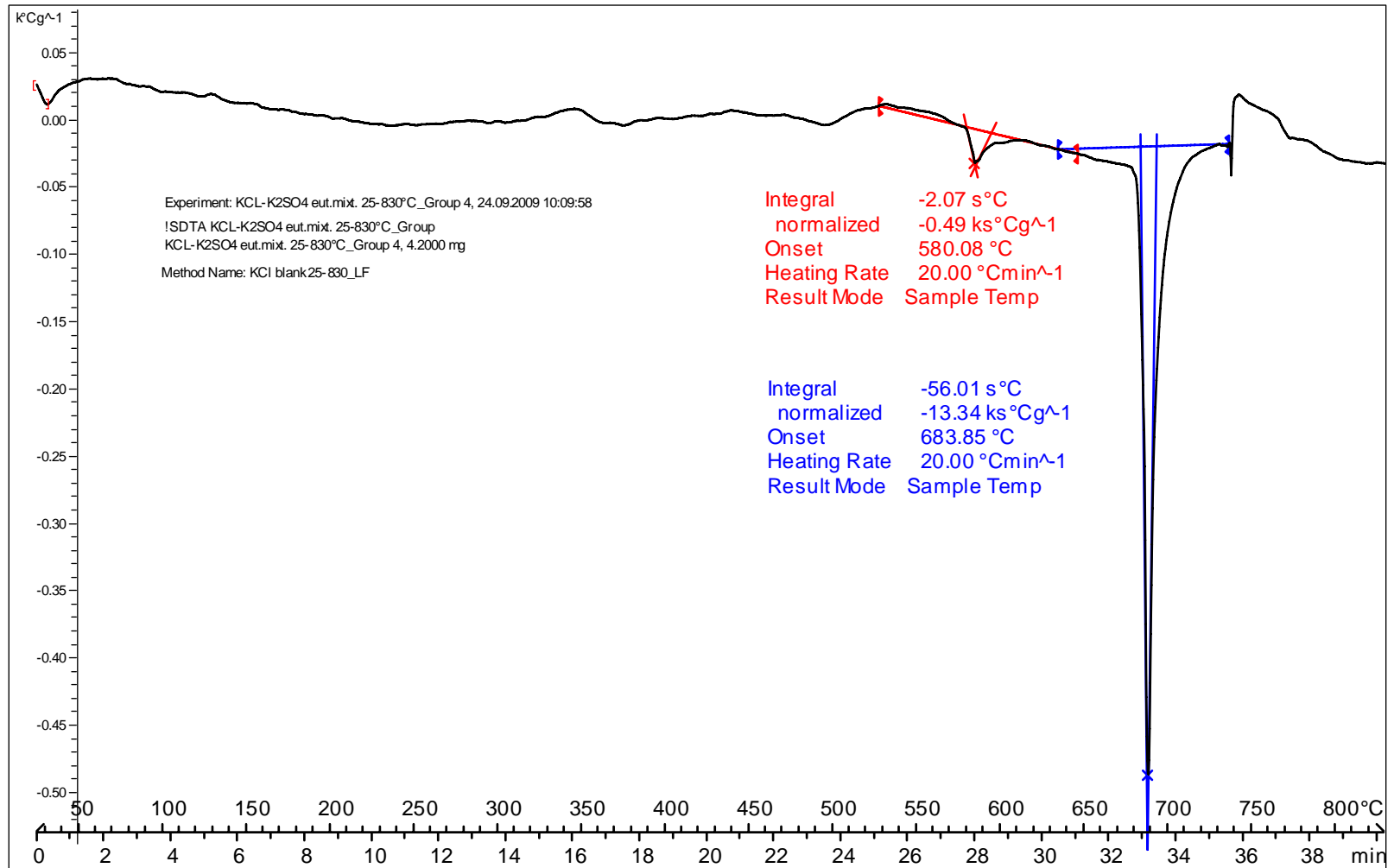
TGA-DTA



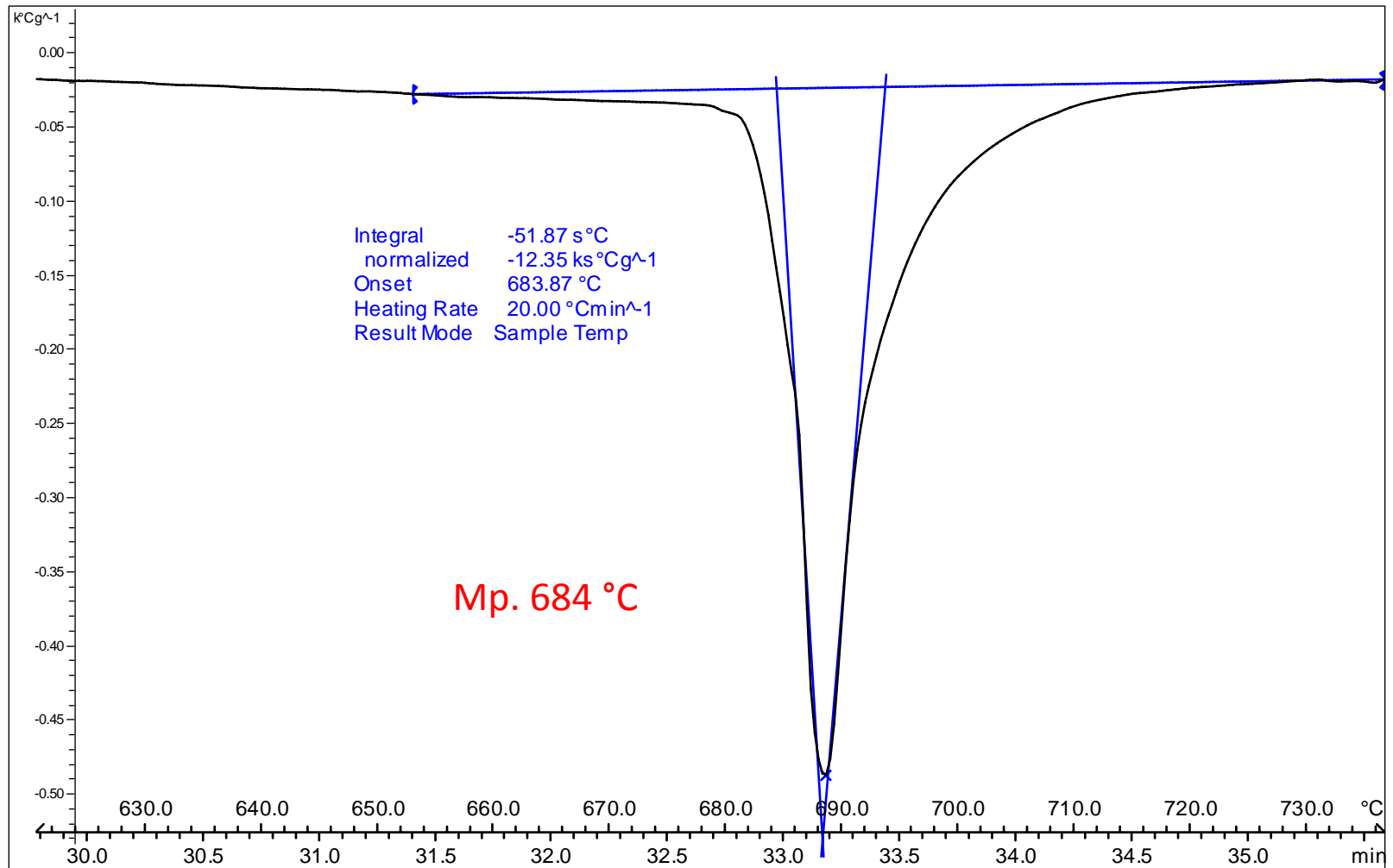
Lab: METTLER

STAR⁹ SW 8.10

SDTA curve



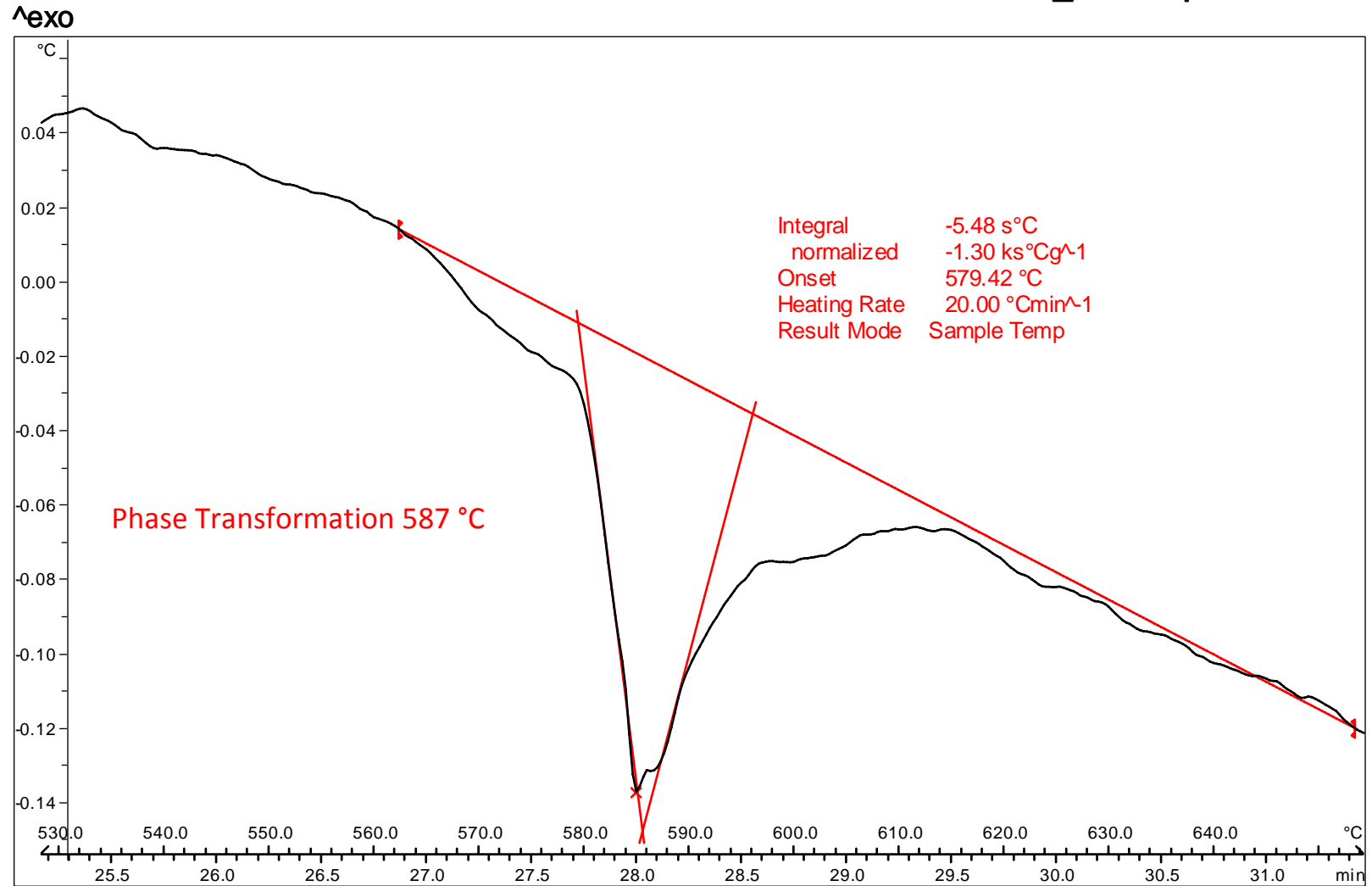
Melting peak of KCL-K₂SO₄ Eutectic mixture



Lab: METTLER

STAR[®] SW 8.10

Phase transformation of K_2SO_4



Lab: METTLER

STAR^e SW 8.10