

DTA ANALYSES

The analysis was performed on a TA Instruments SDT 2960 simultaneous DTA-TGA. Approximately 50 mg of sample was weighed into a 110 μ L platinum crucible with a matched empty crucible as a reference. The sample was heated at 10°C per minute in a nitrogen atmosphere flowing at 100 ml per minute.

The temperature scale of the instrument was calibrated using the melting points of 99.999% indium (156.5985°C), 99.99+% tin (321.93°C), 99.99+% zinc (419.53°C), and 99.99% silver (961.78°C).

FIGURE 1. Shown here are the DSC runs to 1000°C and 850°C at 10°C/minute.

