## Supplementary Analysis Etiracetam, and Etiracetam hydrate

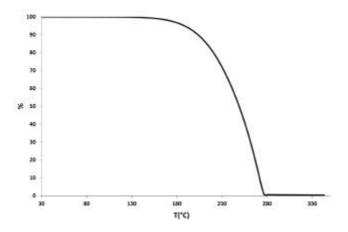


Fig. 1. TGA analysis Etiracetam

TGA analysis of Etiracetam in % of mass of sample with respect to the temperature. Degradation starts at about  $140^{\circ}$ C (= loss of 0.5% m)

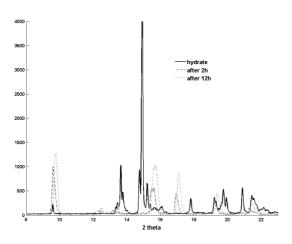


Fig. 2. XRPD analysis hydrate after storage at room temperature

XRPD analysis of the hydrate sample, the sample after 2h and 12h at room temperature (25°C)

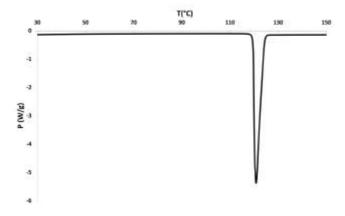


Fig. 3. DSC analysis hydrate after storage at room temperature

DSC analysis of the hydrate sample after 12h at room temperature (25°C).