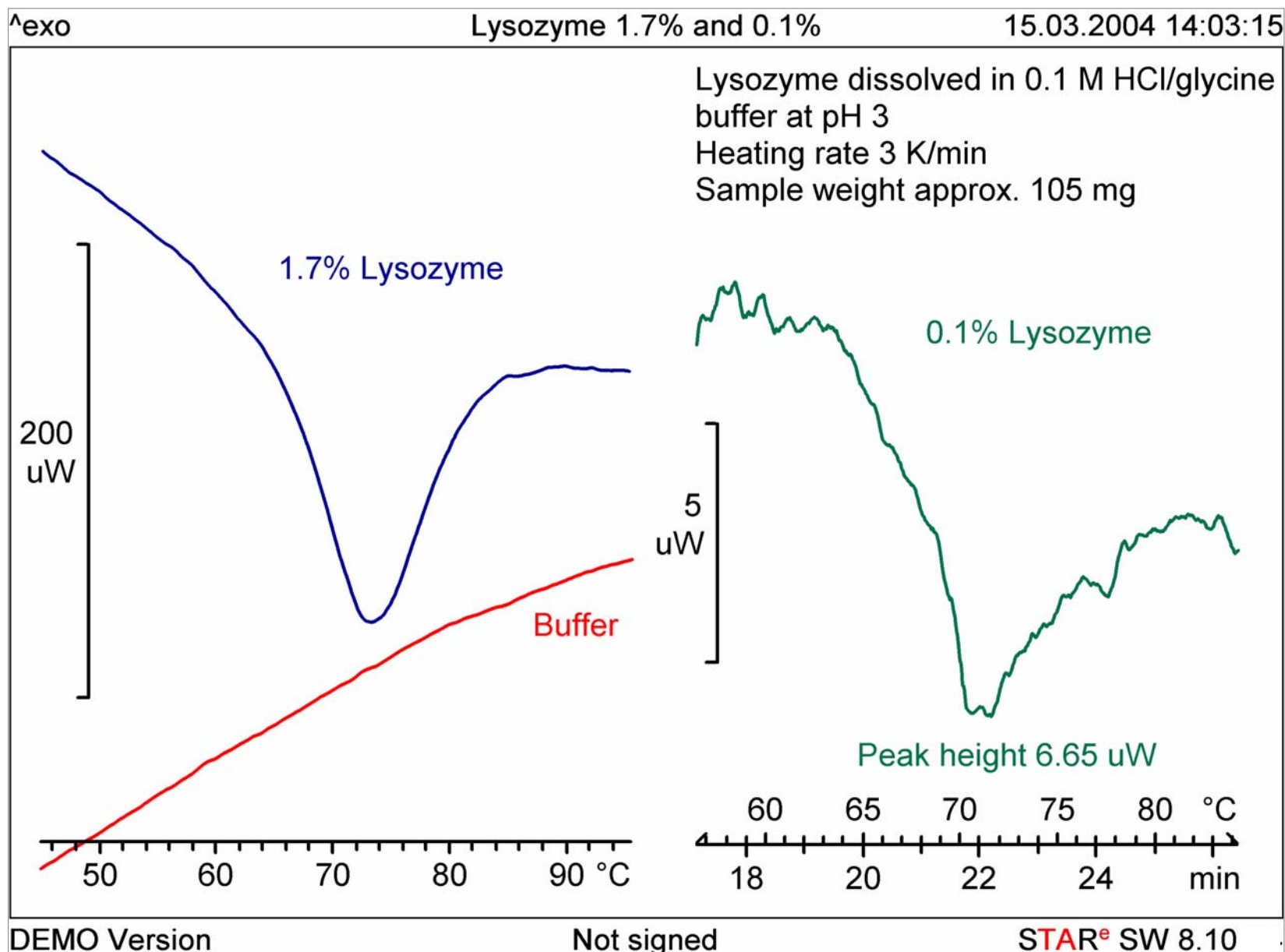


HSS7 DSC Sensor Sensitivity



Biopolymers in dilute solution have traditionally been studied in microcalorimeters. These and other similarly difficult samples can now be measured with a DSC822^e equipped with the new **high sensitivity HSS7 sensor**.

The example shows the unfolding of a sample of lysozyme dissolved in a buffer solution (pH 3). The endothermic peak (6.65 μ W) can still be clearly measured even at the very low concentration of 0.1%. The curves for the lysozyme samples were corrected by subtracting the curve of the buffer solution.