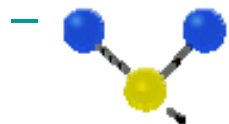


FT-IR Spectroscopy

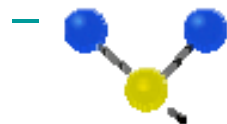
Attenuated Total Reflectance ATR

FT-IR

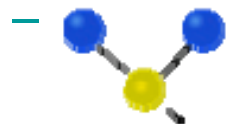
Symmetrical stretching



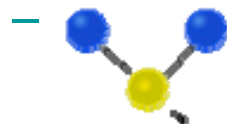
Asymmetrical stretching



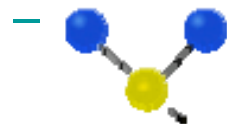
Scissoring



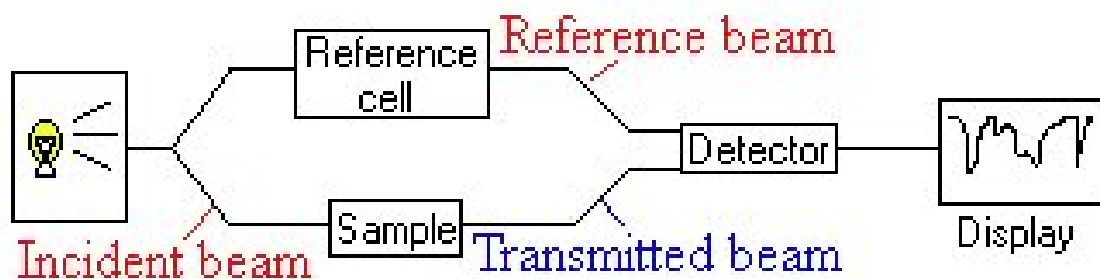
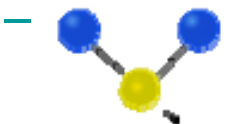
Rocking



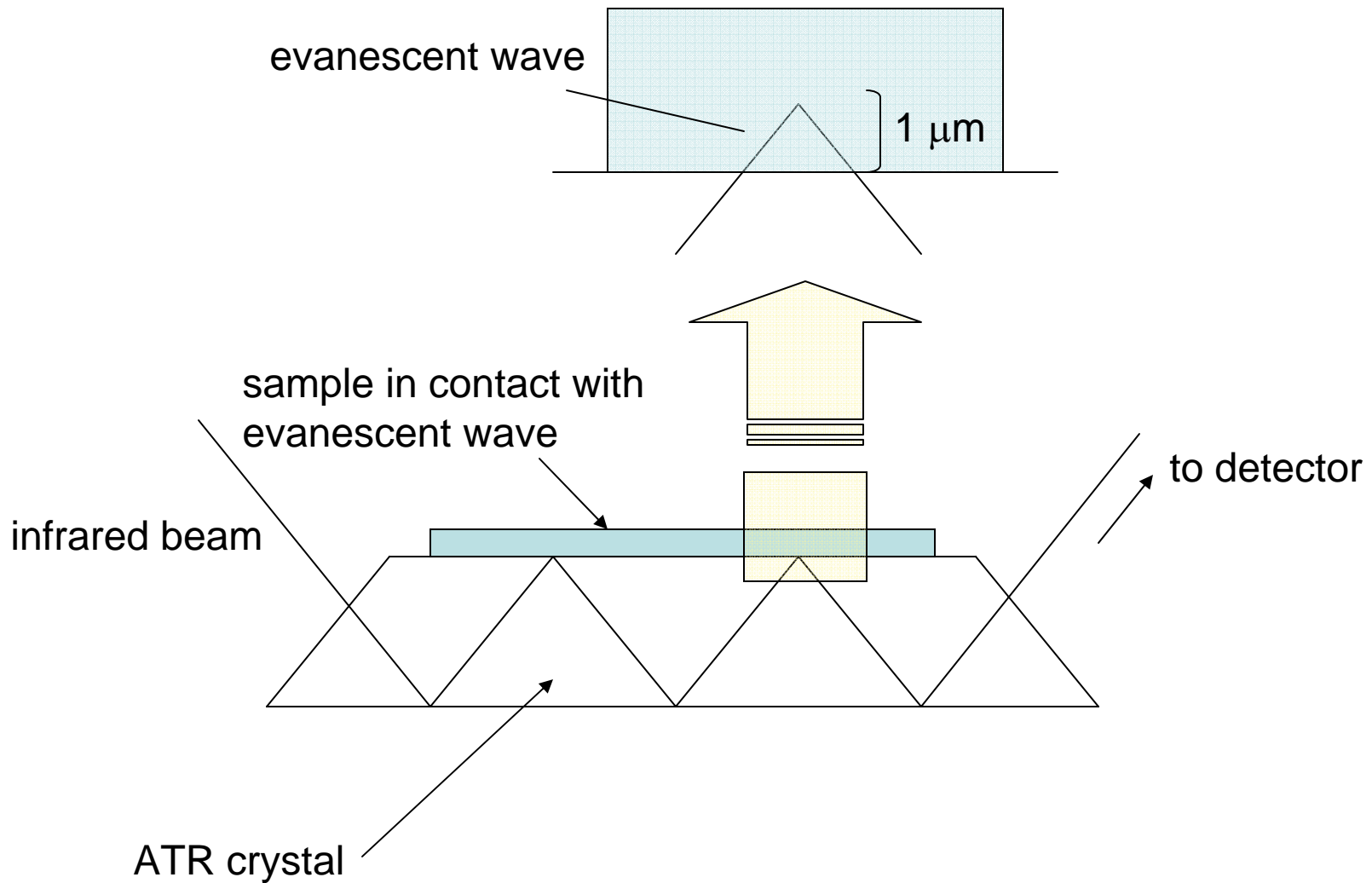
Wagging



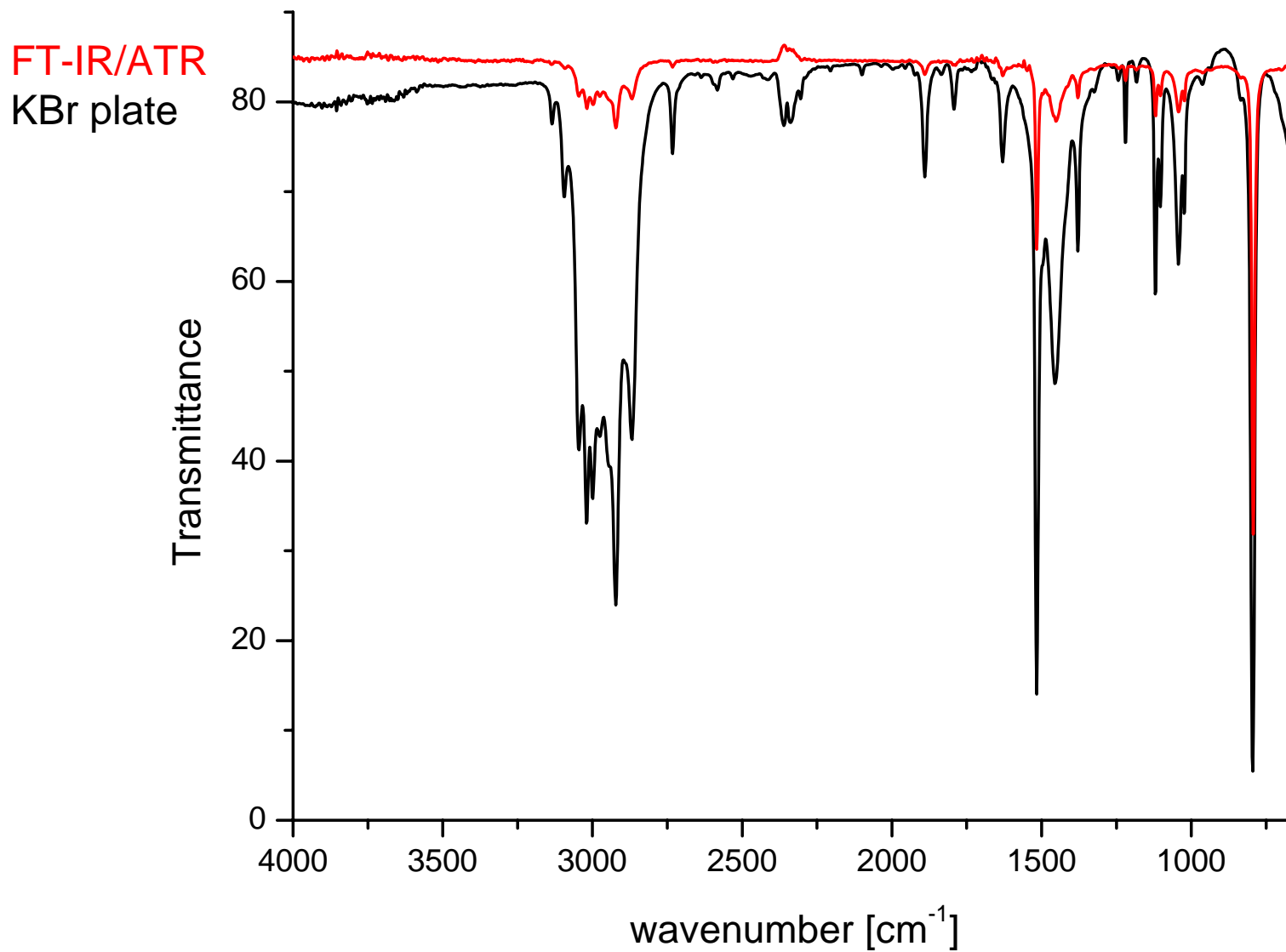
Twisting



Principle of ATR



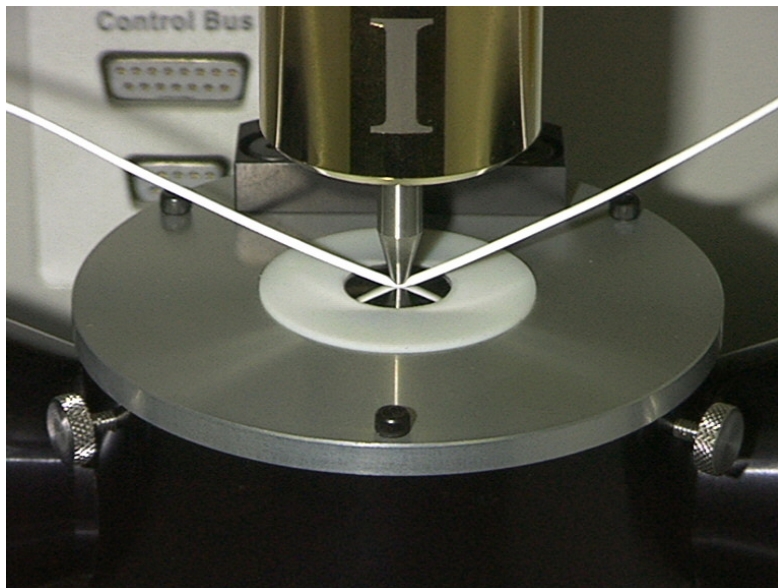
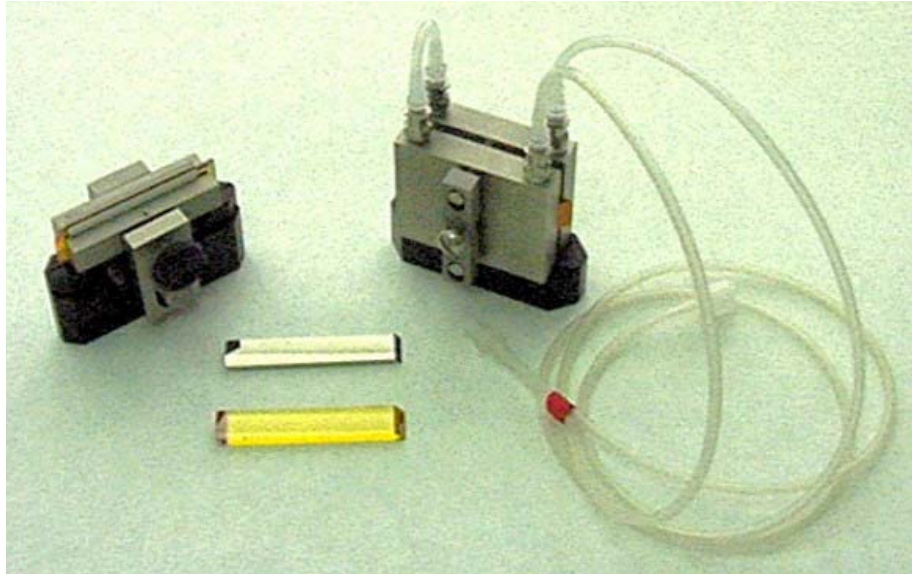
ATR spectra



Sample preparation - transmission



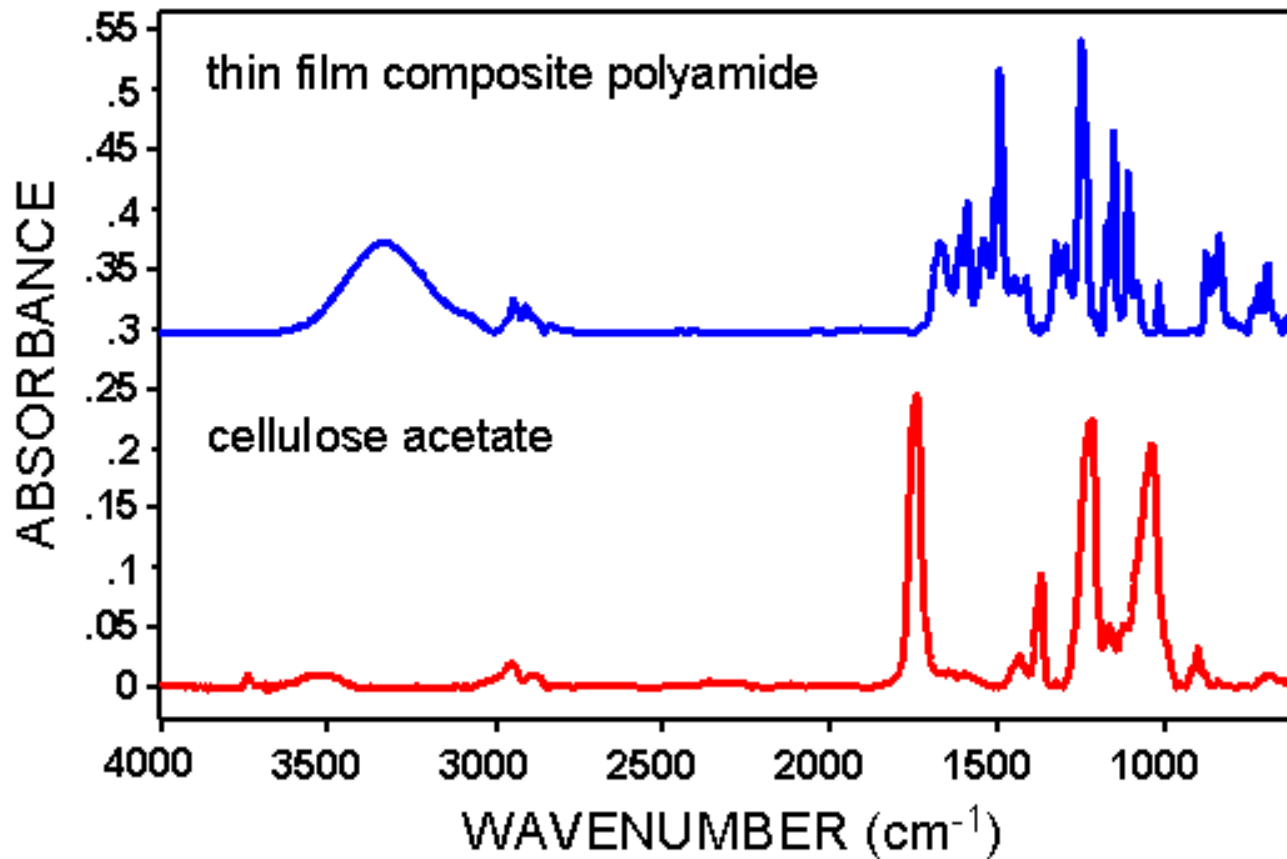
ATR accessories



ATR accessories

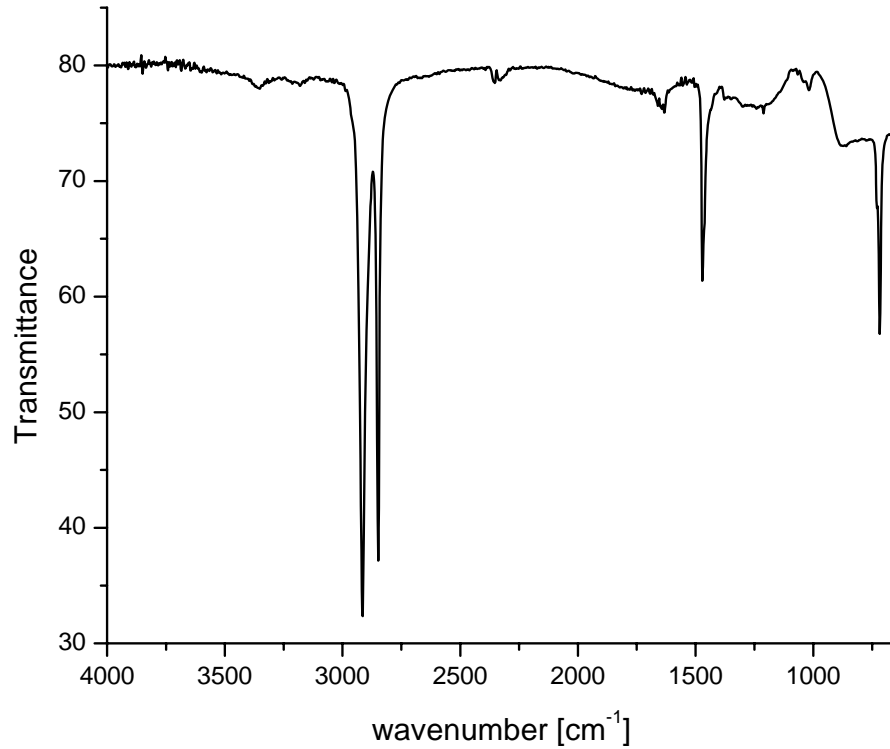


Analyzing solids

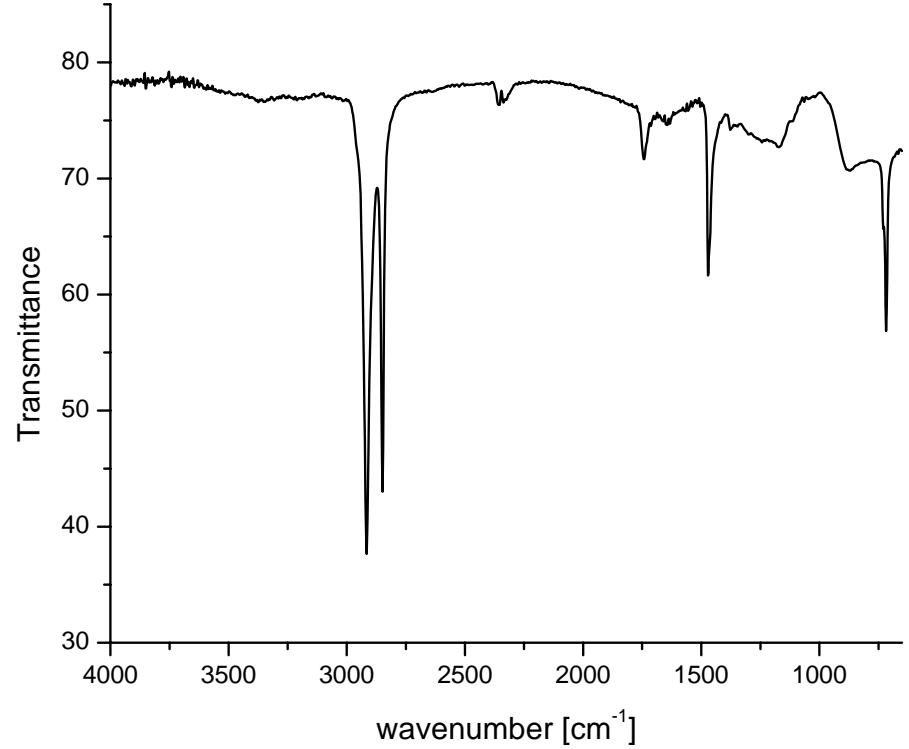


Analyzing polymers

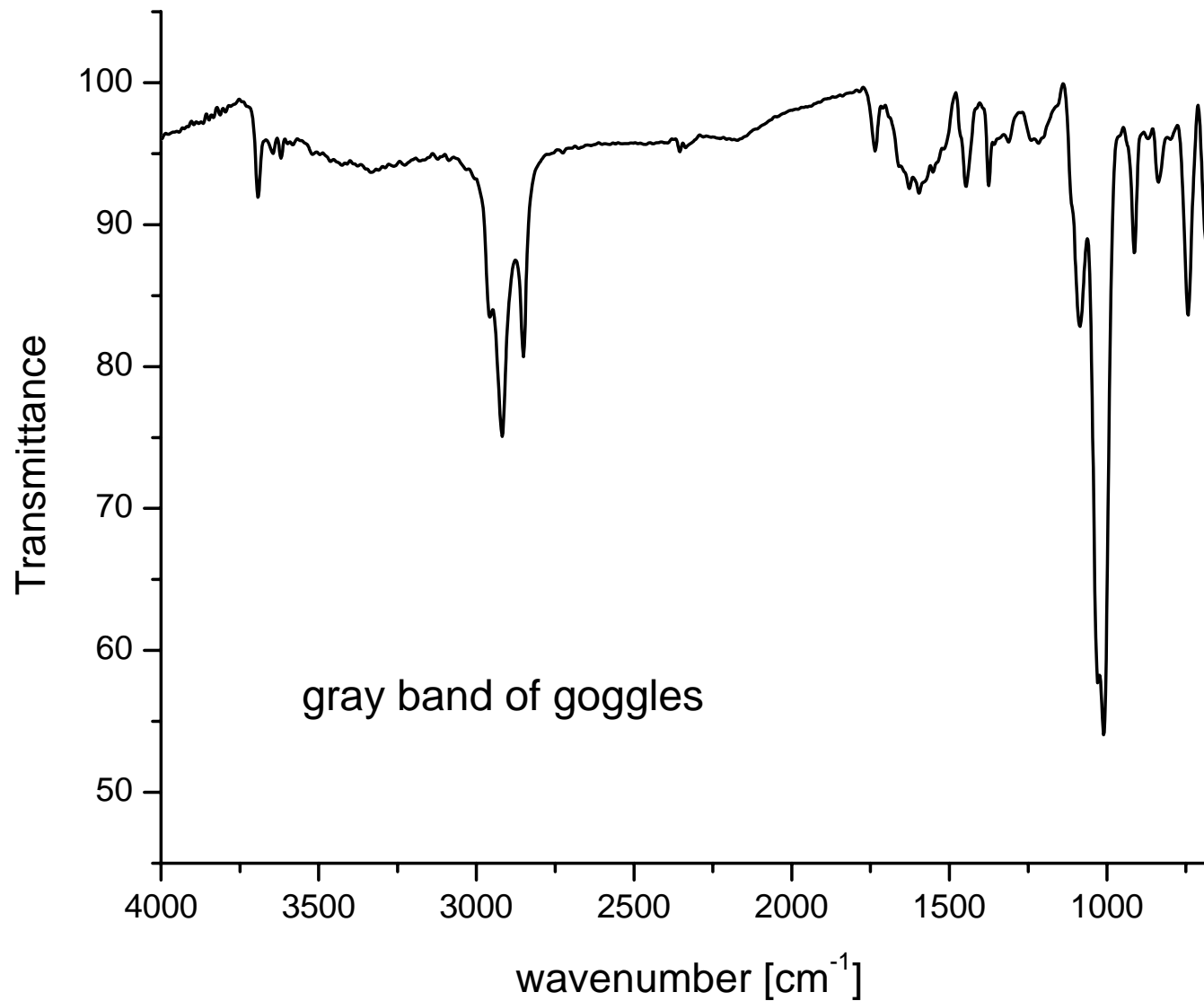
Ziplock bag



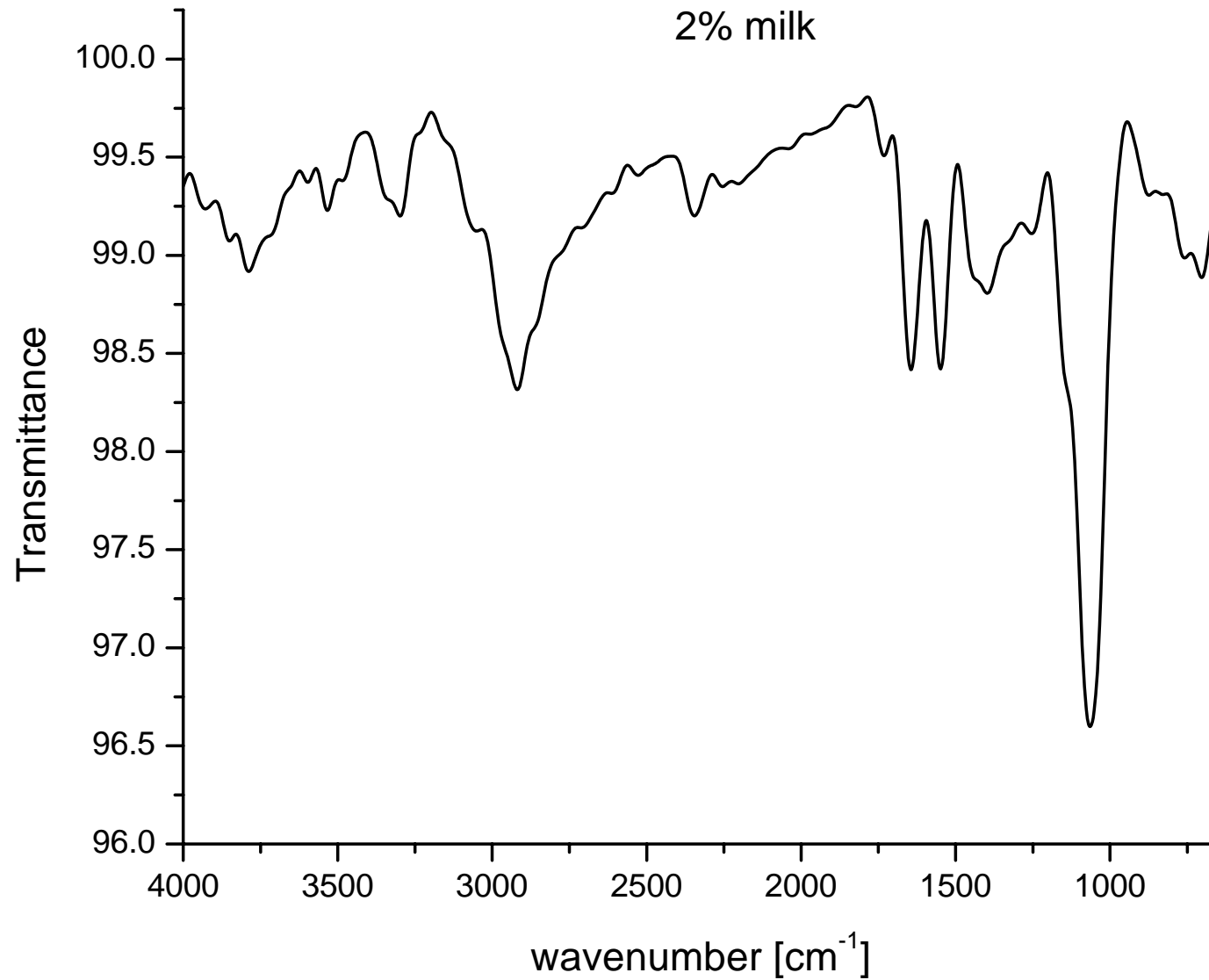
Sandwich bag



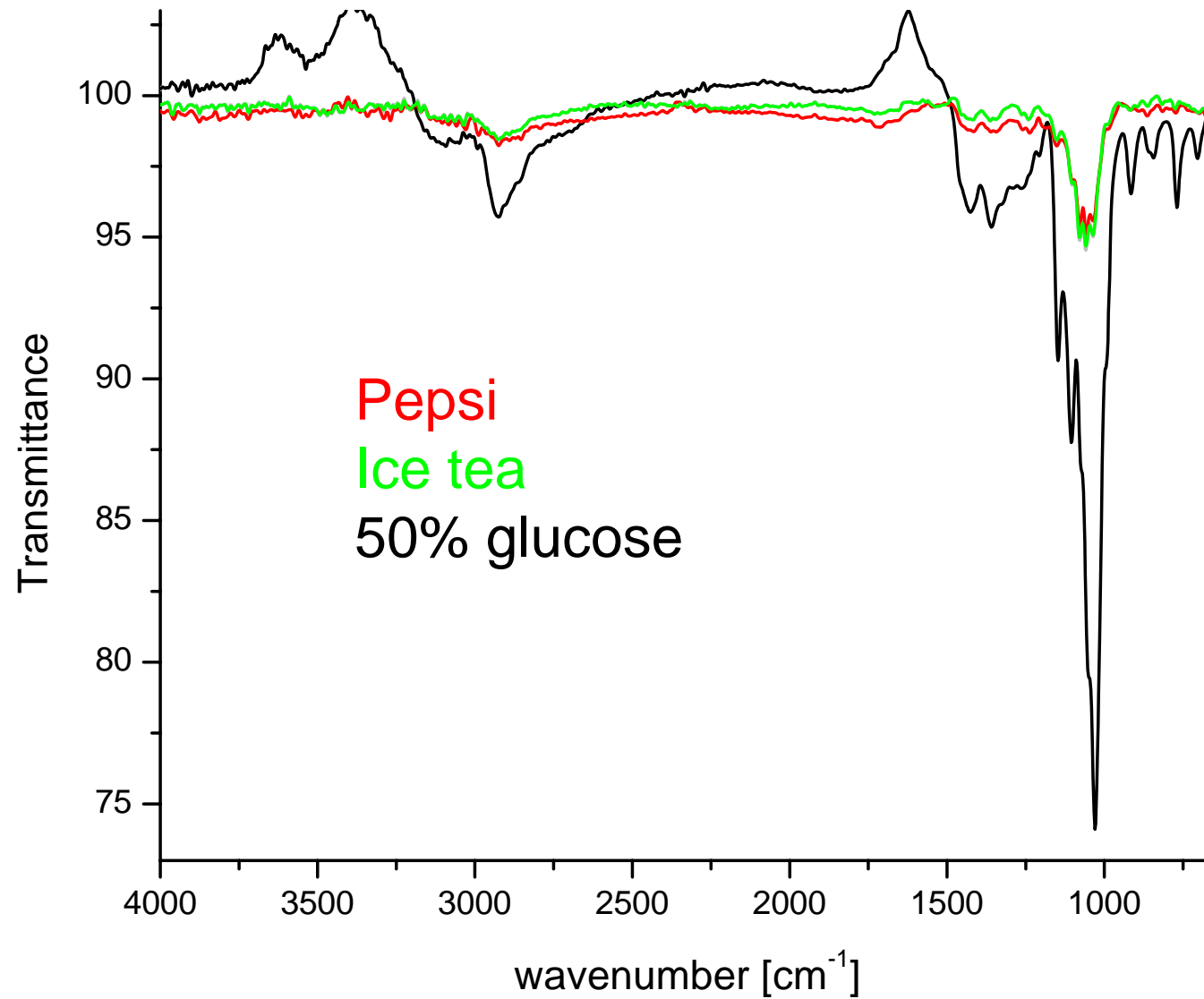
Analyzing polymers



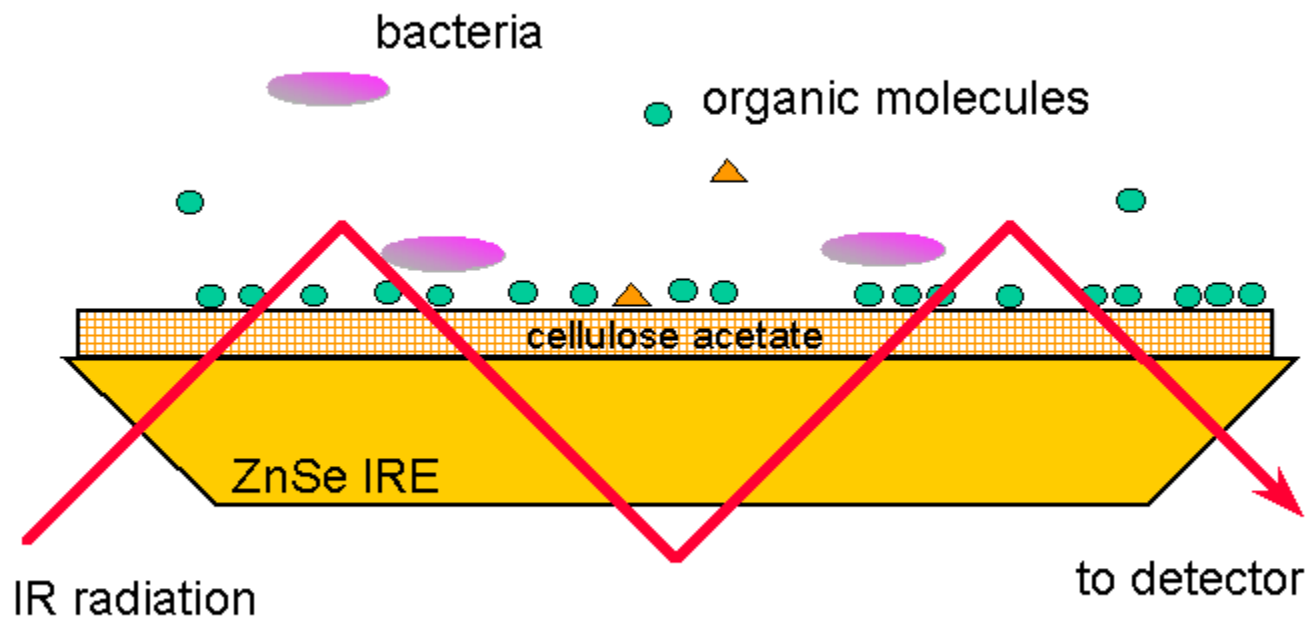
Analyzing liquids



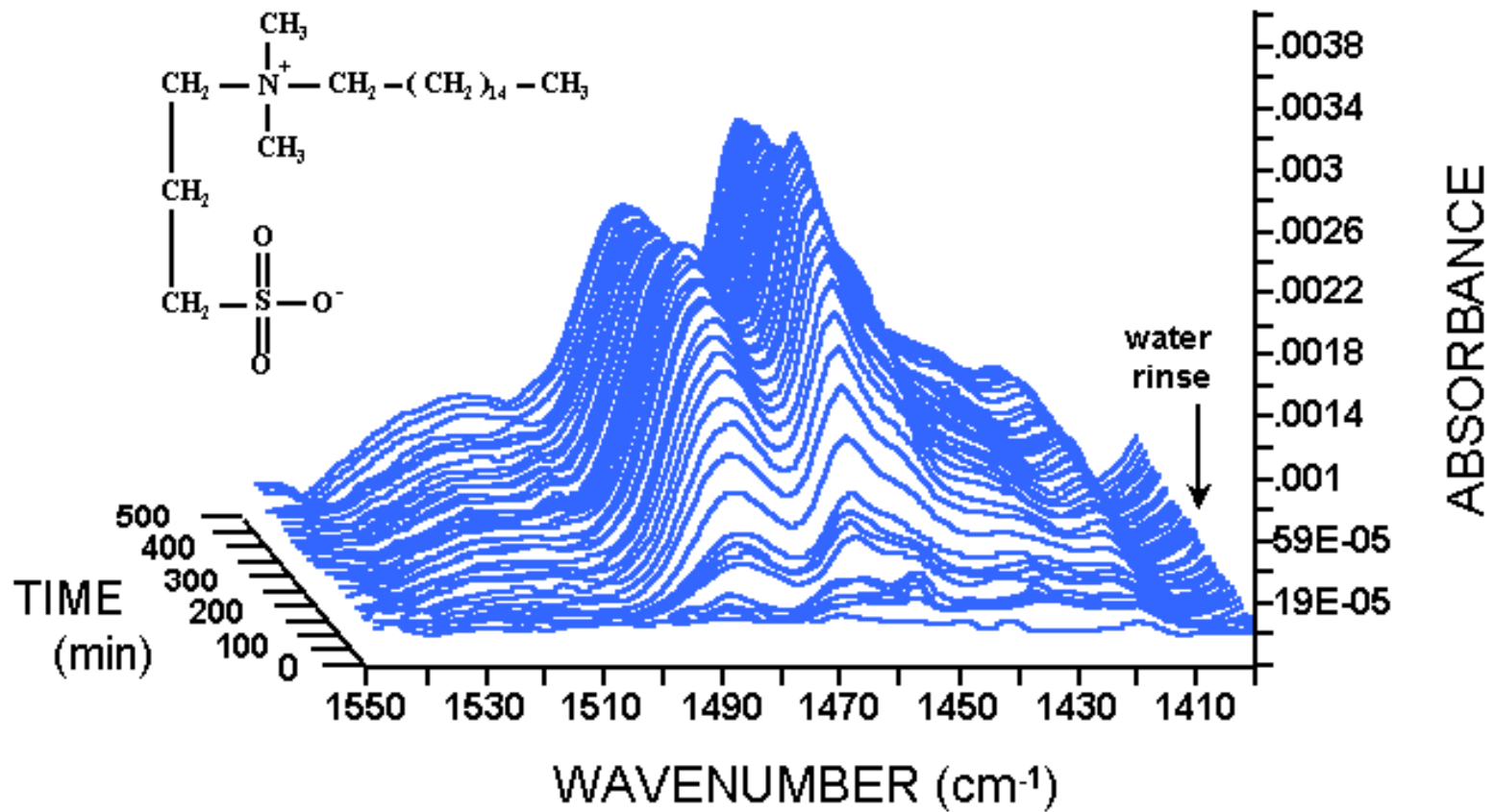
Analyzing liquids



Biological samples



Surfactant Adsorption on Cellulose Acetate



Biofilm Formation and Biocide Application

