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摘要: 本文通过对几个微克级以下的样品采用不同的采样方法,运用FTIR中的漫反射附件进行测试得到了清晰的红外光谱图。表明了FTIR漫反射技术可作为一种不制样超微量分析的方法。

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Diffuse Reflectance Measurements at Nanogram Level by Infrared Spectroscopy

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Abstract: Diffuse reflectance accessories have been attached to FTIR Spectroscopy and widely used for the measurements of infrared diffuse reflectance spectra. These accessories can in large part be attributed to their versatility for solids, liquids, powder, black body and some samples with difficulty to handle in routine work. Especially in micro and ultra micro analysis, the desired results can be obtained for diffuse reflectance spectrum measurements at microgram level by improving sample preparation methods. In

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