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摘要：FT-IR显微镜技术是采用FT-IR光谱仪与光学显微镜联用的新型系统。红外显微镜技术是一种非破坏性技术,仅需要少量的样品,这些优势使得红外显微镜被理想地用于数量有限的样品。这里将论述红外显微镜对一种特殊法庭样品—头发纤维的分析。红外显微镜对于法庭科学是一个很重要的工具。

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A new technology and an application on the FTIR microscope

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Abstract: FTIR microscope is a new system combining the FTIR spectrometer with the IR microscope , which is an ideal tool to analyze some limited samples because of its non - damage and trace examining ability. An analysis of the hair fiber, a kind of forensic evidence sample, is discussed here to illustrate the IR microscope is a very important tool in the forensic science.

Key words:

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