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Raman Spectroscopy

A COMPLEMENTARY TECHNOLOGY TO FT-IR

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A complementary technology to FT-IR, Raman Spectroscopy is a technique that identifies unknown chemicals by recording how their uniquely vibrating molecular bonds scatter incident laser light into distinct frequencies.

The key advantage of Raman Spectroscopy is its ability to penetrate a variety of glass and plastic containers such that the potentially dangerous unknown substance need not be handled directly.

As with FT-IR, extensive Raman libraries allow thousands of chemicals to be identified on the basis of their distinct molecular fingerprint.

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