

Occupational hygiene monitoring of isocyanates

Principle

The procedure utilizes sampling on filters impregnated with 1,2-methoxyphenyl piperazine according to MDHS 25/3. When air is sucked through the filter cartridge using a calibrated precision air sampling pump, the isocyanates are adsorbed to the filter. During analysis the isocyanates are desorbed from the filter and analyzed using high performance liquid chromatography.

