

Bulk Asbestos Analysis by EPA/600/R-93/116

Bulk asbestos testing by EPA/600/R-93/116 employs a tiered approach for the identification and quantification of asbestos fibres depending on sample matrix, the amount of asbestos present in the sample and the degree of accuracy required. Initially, each sample is analysed by Stereomicroscopy and then Polarized Light Microscopy (PLM) Calibrated Visual Estimation (CVE). For the majority of samples, these two steps are generally sufficient for identifying and quantifying major concentrations of asbestos as well as verifying the absence of asbestos fibres in most bulk samples. However, results from these steps may indicate a need for additional sample preparation and/or analytical techniques to complete and verify the analysis. The following flow chart provides a quick guide in determining the expected analytical procedure and associated Paracel analytical codes.

