



# Asbestos in Soils and Bulk Materials

**In accordance with Regulation 20 of the Control of Asbestos Regulations 2012, the analysis of any material to determine whether it contains asbestos must be undertaken by an accredited laboratory.**

## Analysis

ALS Environmental offer ISO 17025 accredited analysis for the determination of asbestos in bulk materials and soils to HSG 248 (Asbestos: The analysts guide for sampling, analysis and clearance procedures). A representative bulk sample of the material, thought to contain asbestos is inspected. This examination is performed using the naked eye followed by a more detailed examination using a low power stereo microscope. One or more representative sub samples are prepared mechanically and/or chemically for further examination. Fibres observed in the course of these examinations are tentatively categorised on the basis of morphology and certain physical properties. Each recognised fibre type or bundle are mounted in a refractive index liquid and then positively identified by PLM as one of the six regulated asbestos types.

- Chrysotile (white)
- Amosite (brown)
- Crocidolite (blue)
- Fibrous Anthophyllite
- Fibrous Tremolite
- Fibrous Actinolite



For bulk samples where no fibres have been observed using the stereo microscope or no asbestos fibres have been identified by PLM, at least two microscope slide preparations of randomly selected representative materials are made for examination by PLM.

## Within Our Asbestos Laboratory We:

- Operate state of the art analysing equipment
- Employ fully trained, P401 qualified staff
- Participate in the AIMS (Asbestos in Materials) Proficiency Scheme and the AISS (Asbestos in Soils) scheme
- Fibre identification analysis
- Analysis of bulk samples from soil to building materials
- Streamlined logistical services to receive and analyse any batch size
- Competitive pricing
- Rapid turnaround
- Completed analysis certificates supplied by post or electronically
- Dedicated point of contact
- Sample collection service
- Air monitoring
- Provision of appropriate sample containers

## In Addition We Offer The Following:

- Sample collection service
- Air monitoring
- Provision of appropriate sample containers

