CHEMICAL RESIDUE ANALYSIS

Increasingly, chemical residue analyses are required for two main reasons:

- environmental specifications
- effects on subsequent processing (particularly dying)

Most of the analyses required arise from some form of environmental specification – whether the fibre is intended to be incorporated in products carrying a environmental quality label (e.g. “Ecolabel”), or due to constraints imposed on subsequent processors (such as the “Water Quality Framework” in the UK). Analyses commonly required under this category include:

- pesticide residues
- detergent residues - see Info-bulletin 5.10
- mothproofing agents - see Info-bulletin 5.11
- residual phenols

Analyses undertaken to provide information to subsequent processors of the wool include:

- pH
- alkali solubility
- extent of bleaching
- grease and ash residuals

Investigative analyses may also be undertaken in cases of claims of damage to fibre consignments (eg. wet wool – damage by sea-water or rain?)

Residue analyses may be carried out in-house, at our Auckland laboratory, or subcontracted to accredited specialist laboratories.

FOR ENQUIRIES

Email us at NZ.wool@sgs.com
Or contact us at:
48 Kemp Street, Kilbirnie
PO Box 15062
Wellington, New Zealand
Tel: +64.4.3878565
Fax: +64.4.3878651