

Teknon 100 testing at Cranfield University

Teknon has just launched its flagship laboratory detergent product Teknon 100. This advanced formulation was developed in Teknon's own laboratories to give outstanding cleaning performance on a wide range of contaminants and substrates commonly found in laboratory, medical and specialised industrial use.

Following extensive in-house trials, the product was submitted to stringent testing by a leading expert in the field of nanotechnology. Three different types of contaminant were selected for evaluation. Animal fat, vegetable oil and a mineral-oil based grease were coated onto a surface by deposition from a solvent solution to give a continuous film. The decontaminating action of Teknon 100 was measured in comparison with a leading brand of laboratory detergent and a control liquid (water).

The process was monitored using a very precise method based on optical waveguide lightmode spectroscopy that is capable of measuring the reduction in thickness of a contaminant film as a cleaning solution flows over it.

The results obtained were spectacular, showing at least 35% better cleaning than the leading brand.

Independent Cleaning Tests*
Teknon 100 cleaning efficiency compared with the leading brand Laboratory Detergent.
Soil removal in 150 seconds at 24°C

