

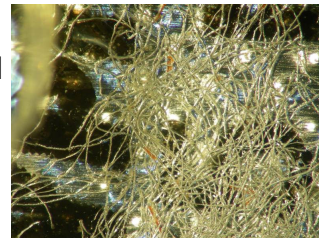
Technical
Note
20075

Pharmaceutical Contamination 2



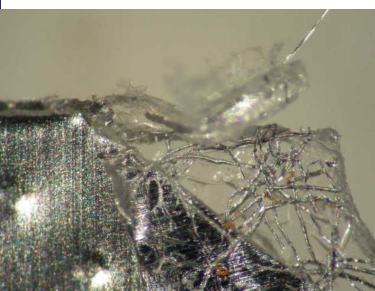
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In this case, metallic debris was observed between the layers of a blister pack.



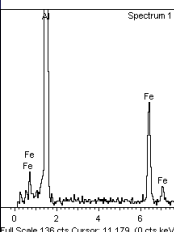
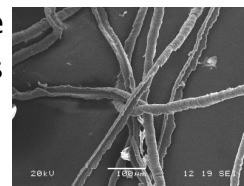
Key Words

- Pharmaceuti-
cal
- Identification
- Contamination
- Rogue
- Foreign
- Microscopy
- SEM
- EDX
- Elemental
Analysis
- Aluminium
- Fibres



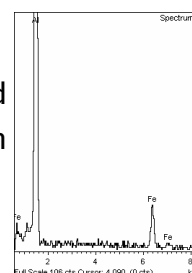
Stereomicroscopy of the layers revealed that the debris consisted of a mass of long, thin, metallic looking fibres nestled between the plastic wrap and the metal foil.

Imaging using the Scanning Electron microscope revealed that the metallic fibres were metal fibres with rough surfaces.



Elemental analysis confirmed that the fibres were made of Aluminium.

Analysis of the foil wrap of the blister pack confirmed that the debris and the foil were indistinguishable in terms of their elemental content.



The examination confirmed that the metal foil wrap of the blister pack was the most likely source of the contamination.

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