TECHNICAL ASSISTANCE SERVICE
UF MEMBRANES AUTOPSY DESCRIPTION
Following tests and analyses are carried out during these different levels of UF membrane autopsy (hollow fiber):

- **External inspection**: External housing integrity, presence of particles/deposits, damages, etc.
- **Internal inspection**: Presence of fouling, particles or failures on fibers, etc.
- **Fouling identification**: SEM-EDX analyses, ATR/FTIR analyses.
- **Cleaning tests**: Study of the most suitable cleaning procedure for fouling removal. These tests are carried out by microscopic inspection of the fibers surface after a soaking period in the different cleaners.
- **Mechanical and thermogravimetric tests**: Strain and stress at break, TGA, DSC, etc. Ask GMP laboratory for tests costs.