

Whitepaper: Reducing risk in HPLC / LC-MS therapeutic drug treatment and monitoring



Water purity is already recognised by researchers as critical to the success of HPLC.

In a recent survey (ELGA, 2019), 89.7% of respondents recognise that water purity is critical to the success of their HPLC applications.

This paper will help you to better understand the role of ultrapure water for applications of HPLC in clinical diagnostics, particularly for therapeutic drug monitoring of immunosuppressant drugs.

We examine the challenges in optimising the applications of HPLC in medicine, which are often directly related to the quality of the water used.

These applications include (i) ISD monitoring and treatment, (ii) monitoring of anti-psychotic drugs, (iii) drugs testing in forensic toxicology, and (iv) investigating the circulating levels of antimicrobials in severe infection.

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