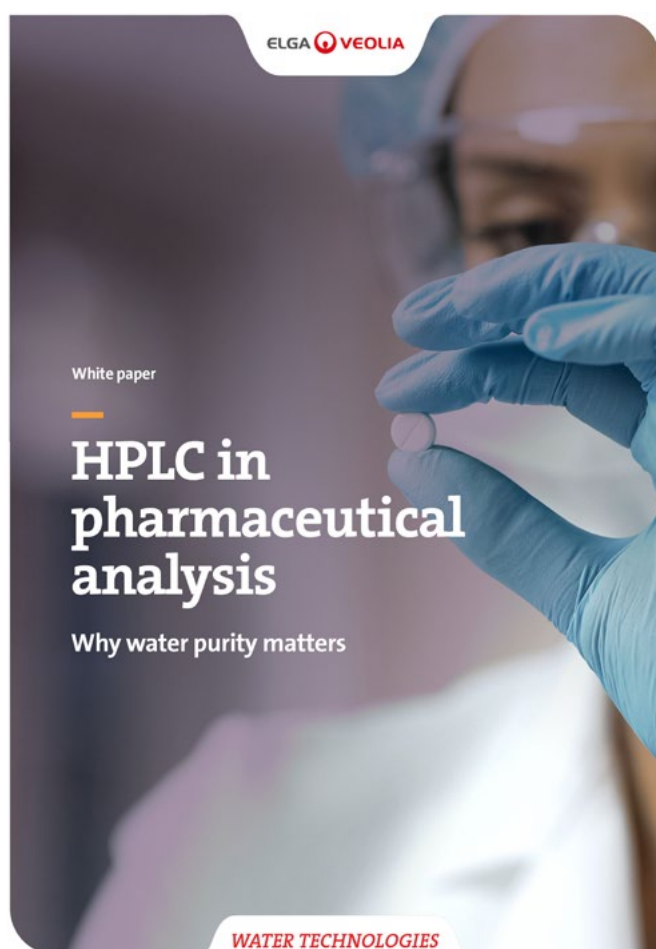


# Whitepaper: HPLC in pharmaceutical analysis



## HPLC is widely used in the following pharmaceutical areas:

- Qualitative analysis – separation of thermally unstable chemical and biological compounds
- Quantitative analysis – to determine the concentration of a compound in a sample
- Preparation of pure substances for clinical and toxicology studies and in organic synthesis
- Trace analysis of compounds present in very low concentrations in a sample, useful in pharmaceutical, toxicology, environmental, and biological studies.

HPLC is **much more efficient** than previously used methods to determine drug purity, minimising losses in pharmaceutical manufacture.

This white paper highlights the **challenges and solutions associated with ensuring that the correct level of water purity is used** end-to-end in pharmaceutical manufacture and analysis, including how to obtain the high quality HPLC results that are critical to this process.

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