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Waters expands Alliance iS Bio HPLC product line with photodiode array detector

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Boosts out-of-the-box sensitivity by up to 80 times with MaxPeak Premier columns



Waters Corporation has announced the expansion of the Alliance iS Bio HPLC product line with integrated photodiode array (PDA) detection, advancing the capabilities of the next-generation intelligent HPLC platform designed for development and Quality Control (QC) laboratories.

The Alliance iS HPLC Platform has been purposefully designed to simplify laboratory workflows by reducing the risk of out-of-specification results and the need for troubleshooting. Default system parameters provide over threefold improvement in day-to-day reproducibility and reduce carryover by up to two orders of magnitude, compared to other systems on the market. Additionally, with MaxPeak Premier columns, the Alliance iS Bio HPLC System enhances out-of-the-box sensitivity by up to 80 times compared to traditional systems and columns.

Waters now offers four configurations of the Alliance iS HPLC Platform to support routine quantitative analysis and expanded spectral analysis of small and large molecules in development and QC. All configurations are controlled by the compliance-ready Waters Empower Chromatography Data System, which enables laboratories to collect, manage, and report chromatography test results. The platform also supports connectivity with laboratory information management systems (LIMS) to help high-volume QC labs manage operational risk, mitigate disruptions, and increase overall productivity.