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Waters simplifies analysis of biologic drug product and cell culture media

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Updated Watersâ?¢ OneLabâ?¢ software creates new, easy-to-use walk-up solutions



US-based Waters Corporation has announced new bioprocess walk-up solutions designed to further simplify biologic sample prep and analysis. By eliminating the need to send bioreactor samples to a central laboratory for analysis, the new solutions make it even easier to accelerate upstream bioprocess development by up to six weeks over traditional methods.

Enabled by updates to Waters OneLab™ laboratory automation software and new pre-developed analytical workflows, the combination allows bioprocess engineers to capture high-quality bioprocess and drug product data with just a few clicks.

Waters combines its BioAccord™ liquid chromatography-mass spectrometry (LC-MS) system and the Waters Andrew+™ robot connected via new protocols in OneLab software to create fully integrated and easy-to-use bioprocess walk-up solutions. It is designed to enable less experienced LC-MS users to acquire critical quality attribute (CQA) data for analysis of drug product and cell culture media.

Capturing data directly at the bioproduction laboratory can help bioprocess engineers improve process understanding, leading to more robust manufacturing processes and accelerated development timelines.