BioSpectrum
the business of Bi
24 years of leveraging the business of Bio
www.biospectrumindia.co

Ecolab Life Sciences unveils new bioprocessing purification resin

16 June 2025 | News

Puroliteâ?¢ AP+50 resin enables improved cost efficiencies in antibody manufacturing



US-based Ecolab Life Sciences has launched an innovative new resin to help achieve cost savings and optimise operations throughout the antibody manufacturing process.

Purolite™ AP+50 is an affinity chromatography resin with a 50-micron bead size offering the highest dynamic binding capacity of the AP resin platform while providing excellent durability for monoclonal antibody capture.

It also leverages Ecolab's patented Jetted resin bead manufacturing technology, an innovative approach that enables lot-to-lot consistency and shorter lead times.

It is the latest addition to Ecolab's robust Purolite Resin affinity toolbox which helps biopharmaceutical companies and Contract Development and Manufacturing Organisations solve complex purification challenges.

"The ability to effectively improve process economics while maintaining purity is the gold standard of resin purification. As pharmaceutical and biotech companies seek to increase savings and improve business continuity, they are requiring innovative solutions to accelerate and de-risk manufacturing," said Meeta Gulyani, senior vice president and general manager, Ecolab Bioprocessing.

Purolite AP+50 resin joins Ecolab's full suite of purification resins including the recently launched Purolite DurA Cycle™ A50 for longer lifetimes and Purolite 70 CH1 which targets complex antibody fragments. Together, they support process intensification strategies and cost of goods reduction, which are critical in late-phase, large-scale manufacturing.

The announcement of Ecolab's latest resin follows news of the opening of its newest Bioprocessing Applications Lab in King of Prussia, Pennsylvania.