

Thermo Fisher Scientific adds to its chromatography portfolio

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Thermo Fisher Scientific has announced the launch of *POROS XQ* chromatography resin, which provides optimized bead morphology and unique surface chemistry to improve anion exchange chromatography.

The new high-capacity, high-resolution, salt-tolerant strong anion exchange (AEX) resin offers superior performance, driving higher product yield, improved product purity, and greater process flexibility in either bind and elute or flow-through modes. Built on the unique POROS bead platform, POROS XQ allows high-capacity and high-resolution separations, driving efficient impurity clearance and, ultimately, higher product yields.

"The POROS high performing chromatography resins provide unique performance attributes and drive benefits to downstream processing. Now, POROS XQ extends these established benefits to AEX chromatography," said Ms Christine GebSKI, product management director, POROS Chromatography, Thermo Fisher Scientific.

High-dynamic binding capacity capability allows researchers to use a smaller column size than typical resins, decreasing water and buffer use. With robust salt tolerance, the resin offers scientists process design flexibility and a streamlined process flow. The POROS resin's Rigid 50 μm polymeric beads also feature fully quaternised surface chemistry, allowing for unique selectivity, as well as linear, predictable scalability and performance that is independent of the process throughput.