

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.