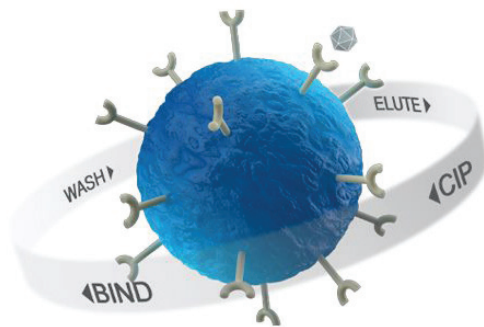


First and only NaOH regenerable

AAV serotype-specific affinity resins

AVIPure® – AAV2, AAV8 and AAV9 Affinity Resins provide capture step purification of adeno-associated virus (AAV) 2, 8 and 9 vectors with potential alkaline clean-in-place regeneration for improved process economics. A 50 µm cross-linked agarose bead ensures compatibility with standard bioprocess columns and flowrates.

- Clean-in-place with 0.5 M NaOH over 20 cycles
- Achieve high DBC
 - 2 x 10¹⁴ vp/mL with 1 min residence time
 - 1 x 10¹⁵ vp/mL with 4 min residence time
- Receive in ethanol-free storage buffer
- Available pre-packed in OPUS® Columns

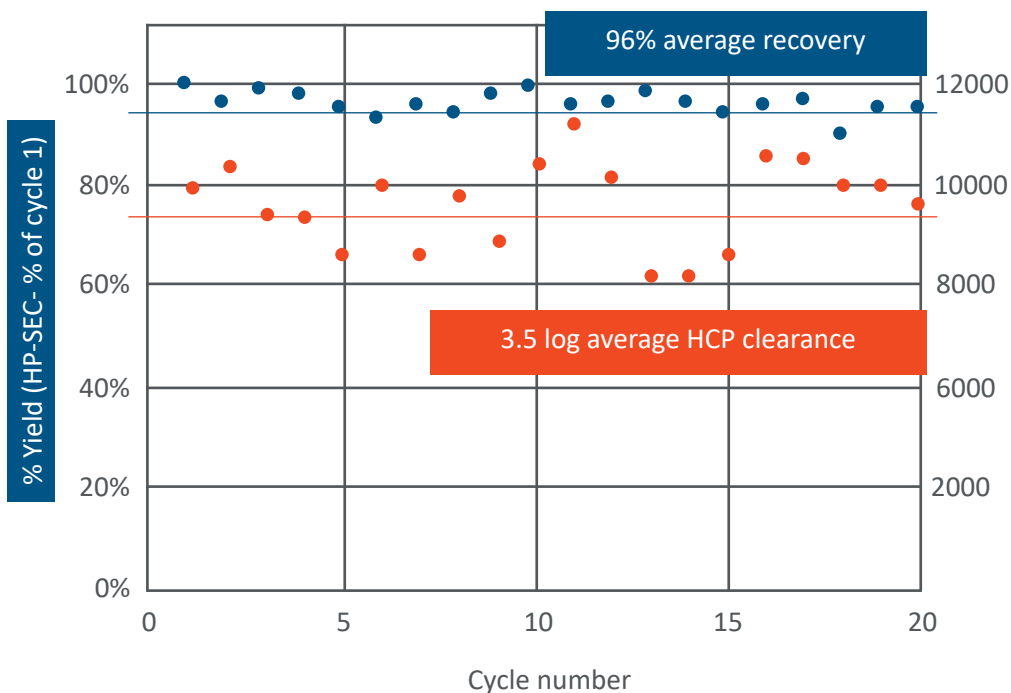


**NaOH
CIP >20X**

Positively impact overall productivity and process economics

AVIPure® – AAV2, AAV8 and AAV9 Affinity Resins withstand up to 0.5 M NaOH, enabling resin regeneration of 20 or more cycles with minimal loss of binding capacity and impurity clearance.

Sustain DBC and HCP after 20 CIP cycles with 0.5 M NaOH



A bind, wash, elute and CIP cycle was repeated 20 times using concentrated HEK293 clarified cell culture fluid containing AAV capsids. CIP included a 30-minute hold step with 0.5 M NaOH. Yield averaged 95% and HCP clearance averaged 3.4 logs across the 20 cycles.

DBC - Dynamic binding capacity
 HCP - Host cell protein
 ppm - Parts per million, ng HCP per 1 x 10¹⁴ capsids