NATRIX® HD MEMBRANE ADSORBERS
Single-use Polishing Alternatives To Simplify & Improve the Productivity of Protein A Based mAb Purification Platform

INTRODUCTION

Natrix HD Hydrogel Advantages over Traditional Media

- NatriFlo HD-Q Membrane Adsorbers
  - NatriFlo HD-Q, a high capacity, high throughput strong anion exchange membrane adsorber designed to purify biomolecules such as mAbs in flowthrough mode
  - Virus, HCP & aggregate clearance with loads up to 500 mg of mAb/mL of membrane
  - Process robustness, salt tolerance, buffer compatibility
  - Low operating pressure

- NatriFlo HD-Q Hydrogel Membrane
  - NatriFlo HD-Q is a multi-talented cation exchange (CEX) membrane augmented with hydrophobic (HIC) groups designed to purify biomolecules like mAbs in both bind and elute or flowthrough mode
  - High binding capacity, excellent peel and high aggregate clearance
  - High yield clearance for process robustness

Cond:

- NatriFlo HD-Q: Viral Clearance Study
  - Higher MVM Clearance with HD-Q
  - Load independent MVM clearance over wide design space
  - HD-Q gives high LRV at 10 kg/L load and 10 mS/cm

- HD-Sb Flowthrough Performance
  - mAb1: High Aggregate Clearance
  - mAb2: High HCP Removal

- NatriFlo HD-Q: Viral Clearance Study
  - Robust, Load Independent MVM Clearance
  - Load dependent MVM clearance over wide design space
  - HD-Q gives high LRV at 10 kg/L load and 10 mS/cm

- About Natrix Separations
  - Natrix Separations is the developer and manufacturer of Natrix HD membrane technology, an advanced chromatography material that enables significant speed and capacity improvements for the capture and polishing of biomolecules. Natrix products are established industry-standard chemistries in a single-use format to provide a low cost manufacturing advantage for drug developers. The Natrix team is comprised of industry leaders in downstream chromatography as well as engineering, design, quality and manufacturing. Natrix is privately-held and based in Burlington, Ontario, Canada.