



## **adsept™ Cross Flow Technology**

### **High Performance Process Chromatography**



Natrix Separation's patented **adsept™** technology combines the high resolution and binding capacity typical of chromatographic resins with the speed and ease of use of membranes.

**adsept™** Cross Flow Technology combines our membrane's industry-leading binding capacity and throughputs in an easy to use tangential flow device format.

#### **Chemistry**

**adsept Q** membranes are strong anion exchangers with high binding capacities for negatively-charged proteins and large biomolecules such as DNA, viruses and plasmids. The Q chemistry is well suited to purification and polishing applications.

**adsept S** membranes are strong cation exchangers with high binding capacities for positively-charged proteins, salts and metal ions. The S chemistry is well suited to primary purification/capture of recombinant proteins.

#### **Markets and Opportunities**

- Biopharm Protein Purification
- Vaccine Production
- Food, Beverage, Dairy and Nutraceutical
- Consumer, Ultrapure and Waste Water

#### **Applications and Benefits**

- High solids or viscosity feed streams
- Viral clearance and endotoxin removal
- Protein fractionation
- High value protein and precious metal recovery from waste streams
- Heavy metal and salt removal

