

Bio-Pharmaceutical Industry

Membrane filtration is widely used for concentration, fractionation and sterilization in bio-pharmaceutical applications:

The bio-pharma industry demands for high quality standards in documentation, system design and construction.

MMS system design and construction matches all quality requirements and we work closely with our customers in order to maintain the expectations in design, function and documentation.

MMS bio-pharmaceutical membrane systems are fully documented with all required drawings, material, welding and calibration certificates.

„Know-How in DQ, IQ and OQ for Membrane Systems“



Bio-Pharma Applications:

- Fermentation broth clarification & concentration
- Protein concentration
- Enzyme concentration
- Peptide concentration & de-salting
- API purification & de-salting
- Oligosaccharide purification & concentration
- Solvent recovery or exchange
- Removal of waste water contaminants



MMS has over 20 years of experience in bio-pharmaceutical applications and our customers benefit of several advantages:

MMS are an innovative company who work closely with our customers and suppliers to create new or improved membrane based solutions.

Our customers speak and work directly with membrane specialists.

MMS have no alliances with specific membrane suppliers, we are free to select membranes and module types which best suit your process.

MMS have worked in various industries and hence know-how transfer allows for innovative solutions.

„MMS select the right Membrane and Module for the right Application“



Process Development:

MMS is continuously introducing membrane technology into new areas of the bio-pharma sector:

- Fractionation of di / oligosaccharides with molecular weights close together
- Membrane applications in solvent applications
- Nanofiltration applications for small molecule concentration

Further Information

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