

Extract Industry

Membrane filtration is widely used for concentration, fractionation and sterilization in extract applications

MMS have years of experience and know-how in all fields of extracts, which allows us to select the right process design and the most appropriate membranes and modules for your applications.

Microfiltration for extract clarification and sterilization. Ultrafiltration for macro-molecule concentration, fractionation and de-salting.

Nanofiltration for small molecule concentration and de-salting. Reverse osmosis for concentration of extracts using low to moderate temperature.



Gentle Processing of Extracts for high Quality Products“



Extract Applications

- Coffee extract concentration
- Herbal extract fractionation & concentration
- Extract fractionation & concentration
- Selective enrichment of functional ingredients
- Aroma recovery
- Colour extraction
- Algae extract de-salting & concentration
- Polyphenolics fractionation & concentration
- Chocolate extract concentration
- Stevia purification & concentration

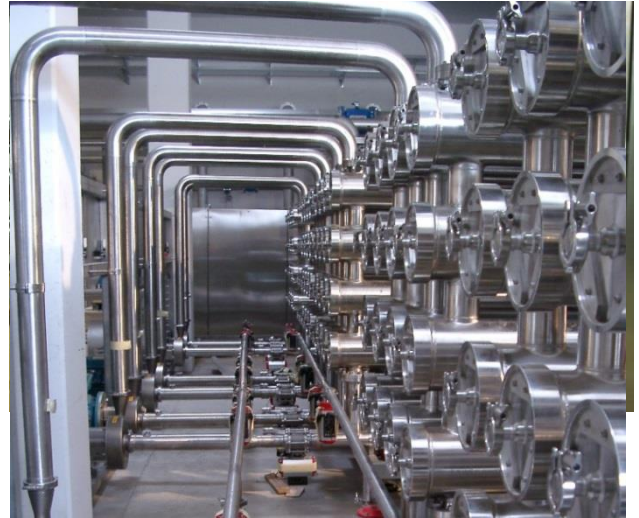
MMS has over 20 years of experience in extract applications and our customers benefit of several advantages:

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.



„From Sample to Process“



Process Development:

MMS is continuously improving existing applications as well as developing new solutions for the Extract industry:

- Nanofiltration techniques to improve on concentration and de-salting at low energy costs.
- Solvent stable membranes for extract de-colourization
- Novel laboratory and pilot membrane systems to enable our customers to innovate with membrane technology

Further Information

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