

Ultrafiltration

Written by Administrator

Tuesday, 29 July 2008 11:31 - Last Updated Tuesday, 17 November 2009 07:44



Ultrafiltration is a process used for the removal of organics, bacteria, viruses and pyrogens from the water. There are different kind of Ultrafiltration membranes with different Membrane cut off (from 10,000 to 80,000 Dalton).

The Ultrafiltration membrane 80,000 Dalton can be install in the pretreatment section instead of media filtration.

Pharmaceutical polishing UF are installed as final polishing step, typical membrane cut-off is 10,000 DA with a pore size of 0,001 um pore size.

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The system configuration is:

Pretreatment – Reverse Osmosis – Elettrodeionization – Ultrafiltration