

Application story



Membrane Filtration for Peptide Production

Location	India (Installation: June 2020)	Hydra-Cell model	G10XRSESNETC
Type of application	Filtration of Proprietary Fluid	Flow rate	15 l/min (4 GPM)
Liquid	Polypeptide Proprietary Fluid	Pressure	30 Bar (435 psi)
Application details	The Hydra-Cell pump is used to pump the proprietary fluid before feeding to the final process. The process liquid is fed into the membrane and with resistance at 30 Bar from one side, the clean liquid is filtered out and the waste is rejected; the filtered liquid can then be used for further processing.		
Advantages of Hydra-Cell pump on this application	With no dynamic seals or packing, Hydra-Cell reliably handles the liquid containing solids, suspended and abrasive particles.		

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