

恆壓攪拌奈米過濾之探討

In this work, the NF membrane (100 MWCO) was used in the experiment of a constant pressure stirred filtration and the tested solutions included glucose and NaCl solutions and their mixtures. The volume flux and solute rejection were measured made various operating parameters such as transmembrane pressure, solution composition and stirred rate. Experimental result indicates that the nanofiltration operated at high stirred rate and high transmembrane pressure is suitable for the desalination and dewater of a glucose solution.