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Thin film composite nanofiltration membrane for lactic acid production in membrane bioreactor

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Highlights

- The TFC-NF membrane was synthesized and evaluated for LA production process.
- Performance of the four types of membranes was investigated.
- High lactic acid concentration (123 g/l) and productivity (17.1 g/l/h) was obtained.
- The critical lactose concentration in MBR which the cell

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