

Supplementary data

Vacuum membrane distillation by microchip with temperature gradient

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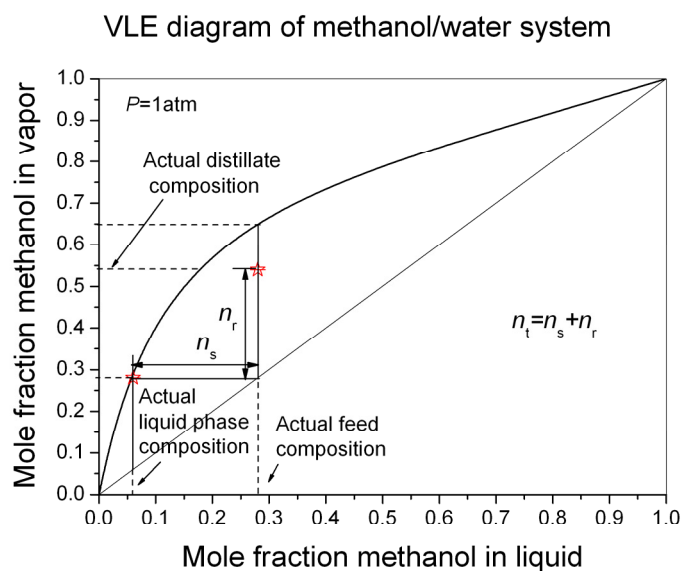


Fig. S-1 Stepping-off procedure to determine the total theoretical plates.

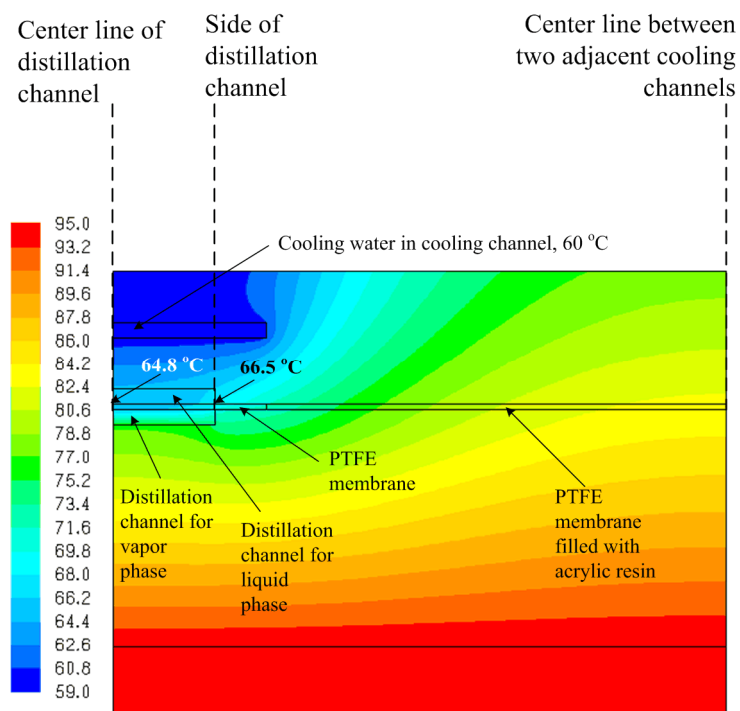


Fig. S-2 Simulated result of 2-dimentional temperature distribution in the cross section of the microdistillation chip when hot plate temperature is 95 °C, room temperature is 20 °C, and cooling water is 60 °C. The normal direction of the cross section is the flow direction of the liquid phase.