

## Simulation of CO<sub>2</sub> Removal with Aqueous Sodium Glycinate Solutions in a Pilot Plant

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In this paper, density, viscosity, surface tension and vapor pressure of aqueous sodium glycinate solutions of different mass fractions (0.1–0.5) at different temperatures (20~100°C) were simulated using Pro/II software and compared with corresponding experimentally measured data. It was found that simulated data of physicochemical properties compared well with corresponding experimental data. We have also predicted concentration of CO<sub>2</sub> with each ideal stage in an absorber/stripper tower.