

Simulation of the operation of production equipment in the application "Simulation of the Paracetamol production process".

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Abstract: This topic focuses on simulating the operation of key production equipment in the paracetamol manufacturing process, aiming to provide a theoretical and experimental foundation for researchers. The main objective is to build a mathematical model to evaluate the performance of each piece of equipment. The method integrates theory and experimentation, including data analysis from actual production stages and simulation construction using software. The expected results will help improve understanding of the process and support the optimization of paracetamol production, thereby enhancing efficiency and reducing operational costs.

Keywords: Simulation, Paracetamol Production Process, Production Equipment, Process Optimization