





Modeling of counter-current multistage extraction of *Moringa oleifera* leaves using a mechanistic model

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Highlights

- Counter-current multistage extraction of *M. oleifera* leaves was modeled.
- Equilibrium relations (M and K_{eq}) were experimentally determined.
- The mechanistic model was successfully validated with respect experimental results.
- High concentrations in dry basis of DPPH and GAE were obtained.
- Quercetin and kaempferol were identified in extracts.

Abstract