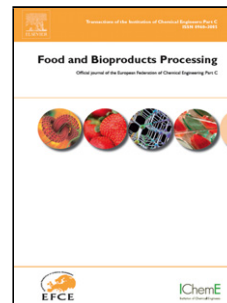


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Title

Modeling high protein liquid beverage fouling during pilot scale ultra-high temperature (UHT) processing

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Research highlights

- Fouled caustic analytics represented foulant development during processing
- Fouling models fit to linear and exponential models
- Significantly different fouling rates were observed at 127, 132 and 138 °C
- Temperature effects of fouling fit significantly to Arrhenius kinetics

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