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Authors: Luiz Jardel Visioli, Caroline Portilho Trentini, Fernanda de Castilhos, Camila da Silva



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# Esters production in continuous reactor from macauba pulp oil using methyl acetate in pressurized conditions

Luiz Jardel Visioli<sup>a</sup>, Caroline Portilho Trentini<sup>b</sup>, Fernanda de Castilhos<sup>c</sup>, Camila da Silva<sup>a,d\*</sup>

<sup>a</sup> Programa de pós-graduação em Engenharia Química, Universidade Estadual de Maringá, (UEM), Av. Colombo 5790, Maringá, PR, 87020-900, Brazil

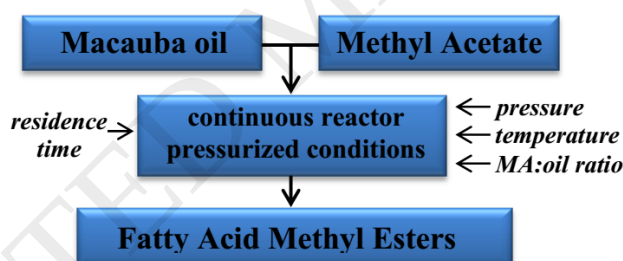
<sup>b</sup> Programa de pós-graduação em Engenharia Agrícola, Universidade Estadual do Oeste do Paraná (UNIOESTE), R. Universitária 2069, Cascavel, PR, 85819-110, Brazil

<sup>c</sup> Departamento de Engenharia Química, Universidade Federal de Santa Maria, (UFSM), Av. Roraima 1000, Santa Maria, RS, 97105-900, Brazil

<sup>d</sup> Departamento de Tecnologia, Universidade Estadual de Maringá (UEM), Av. Angelo Moreira da Fonseca 180, Umuarama, PR, 87506-370, Brazil

\* To whom correspondence should be addressed. Tel.: (55) 44-3621 9300. Fax: (55) 44-3621 9326.  
E-mail: camiladasilva.eq@gmail.com

## Graphical abstract



## Highlights

- Continuous FAME production from macauba pulp oil was investigated at high pressures.
- Process variables effects were assessed through and experimental design
- FAME and triacetin production kinetic was determined in different temperatures
- Ester and triacetin degradation was observed at temperatures higher than 325 °C.
- Supercritical conditions allowed the use of high FFA oils for biodiesel production.

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