

Accepted Manuscript

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PII: S0009-2509(17)30643-7
DOI: <https://doi.org/10.1016/j.ces.2017.10.027>
Reference: CES 13859

To appear in: *Chemical Engineering Science*

Received Date: 24 July 2017
Revised Date: 17 October 2017
Accepted Date: 21 October 2017

Please cite this article as: Y.K. Ho, C. Kirse, H. Briesen, M. Singh, C-H. Chan, K.W. Kow, Towards improved predictions for the enzymatic chain-end scission of natural polymers by population balances: The need for a non-classical rate kernel, *Chemical Engineering Science* (2017), doi: <https://doi.org/10.1016/j.ces.2017.10.027>

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**TOWARDS IMPROVED PREDICTIONS FOR THE ENZYMATIC CHAIN-END
SCISSION OF NATURAL POLYMERS BY POPULATION BALANCES: THE NEED
FOR A NON-CLASSICAL RATE KERNEL**

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