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Photodynamic inactivation of *Salmonella enterica* Enteritidis by  $405 \pm 5$ -nm light-emitting diode and its application to control salmonellosis on cooked chicken

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## ACCEPTED MANUSCRIPT

Photodynamic inactivation of Salmonella enterica Enteritidis by  $405 \pm 5$ -nm light-emitting diode and its application to control salmonellosis on cooked chicken Min-Jeong Kim<sup>1,2</sup>, Bao Xian Adeline Ng<sup>1</sup>, Ye Htut Zwe<sup>1</sup>, Hyun-Gyun Yuk<sup>1,3\*</sup> <sup>1</sup>Food Science and Technology Programme, Department of Chemistry, National University of Singapore, Science Drive 2, Singapore 117542 <sup>2</sup>Research Group of Food Safety, Division of Food Safety, Distribution and Standard, Korea Food Research Institute, 1201-62, Anyangpangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea 13539 <sup>3</sup>Division of Food Science and Technology, Korea National University of Transportation, 61 Daehak-ro, Jeungpyeong-gun, Chungbuk, Republic of Korea 27909 \*Corresponding author: Tel: +82-43-820-5241; E-mail: yukhg@ut.ac.kr (H.G. Yuk)

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