

Silver nanoparticles eco-friendly synthesized by *Achyranthes aspera* and *Scoparia dulcis* leaf broth as an effective fungicide

Ngoc Thuy Trang Le¹, Dai Hai Nguyen^{2,3}, Ngoc Hoi Nguyen², Yern Chee Ching⁴, Dong Yen Pham Nguyen², Cuong Quoc Ngo⁵, Hang Nguyen Thi Nhat⁶, Thai Thanh Hoang Thi^{5,*}

¹ Institute of Research and Development, Duy Tan University, Danang 550000, Vietnam; lenthuytrang4@duytan.edu.vn

² Institute of Applied Materials Science, Vietnam Academy of Science and Technology, 01 TL29 District 12, Ho Chi Minh City, 70000, Vietnam; nguyendaihai0511@gmail.com

³ Graduate University of Science and Technology, Vietnam Academy of Science and Technology, Hanoi, Vietnam.

⁴ Department of Chemical Engineering, Faculty of Engineering, University of Malaya, 50603 Kuala Lumpur, Malaysia; chingyc@um.edu.my

⁵ Biomaterials and Nanotechnology Research Group, Faculty of Applied Sciences, Ton Duc Thang University, Ho Chi Minh City, Vietnam.

⁶ Faculty of Natural Sciences, Thu Dau Mot University, Thu Dau Mot City 820000, Binh Duong Province, Vietnam; hangntn@tdmu.edu.vn

* Corresponding author: hoangthithaitanh@tdtu.edu.vn; Tel: +84(0)2837755058

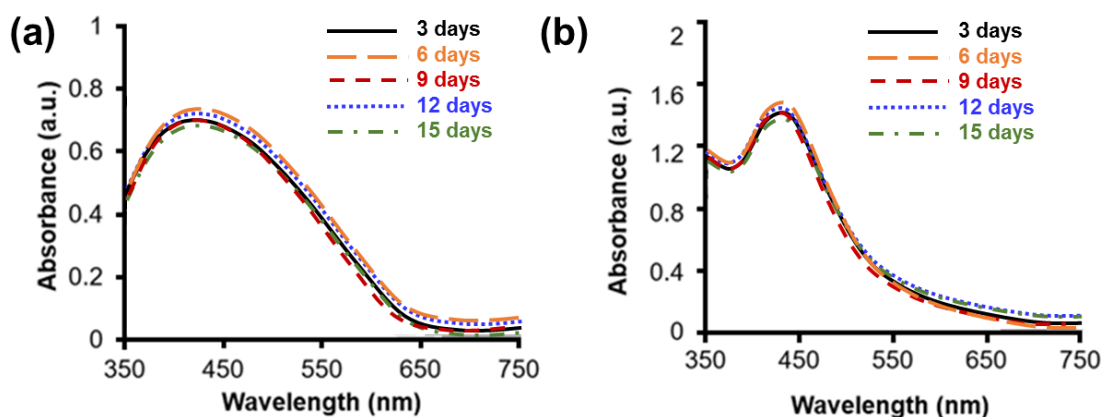


Figure S1: The UV-vis spectra of AA.AgNPs (a) and SD.AgNPs (b) stored at 4°C in brown bottle after various time intervals.