Colorimetric Indicators for Volatile Amines Based on Succinic Anhydride (SAh)-grafted Poly (lactic acid) (PLA) – Supplementary Information

Adrian Lopera-Valle, Anastasia Elias*

Department of Chemical and Materials Engineering, University of Alberta, Donadeo Innovation Centre for Engineering, Edmonton, Alberta, T6G 1H9, Canada

*Corresponding Author - Phone: +1-780- 248-1589

E-mail: aelias@ualberta.ca

a) b) c) ore



Figure S1: Blank samples of a) papers sprayed with only dye (no polymer was deposited) and exposed to methylamine vapor from a 400 ppm solution as control experiment; b) neat PLA exposed to water vapour; c) PLA-g-SAh30 indicators exposed to water vapour and d) to the vapours from a 300 ppm solution of methanol