



Figure S1. Growth inhibition of pathogenic bacteria by three preservation. (a) Growth inhibition of *Aspergillus flavus* by sec-butylamine; (b) Growth inhibition of *Alternaria alternata* by sec-butylamine; (c) Growth inhibition of *Talaromyces funiculosus* by sec-butylamine; (d) Growth inhibition of *Aspergillus flavus* by citric acid; (e) Growth inhibition of *Alternaria alternata* by citric acid; (f) Growth inhibition of *Talaromyces funiculosus* by citric acid; (g) Growth inhibition of *Aspergillus flavus* by potassium; (h) Growth inhibition of *Alternaria alternata* by potassium; (i) Growth inhibition of *Talaromyces funiculosus* by potassium sorbate.