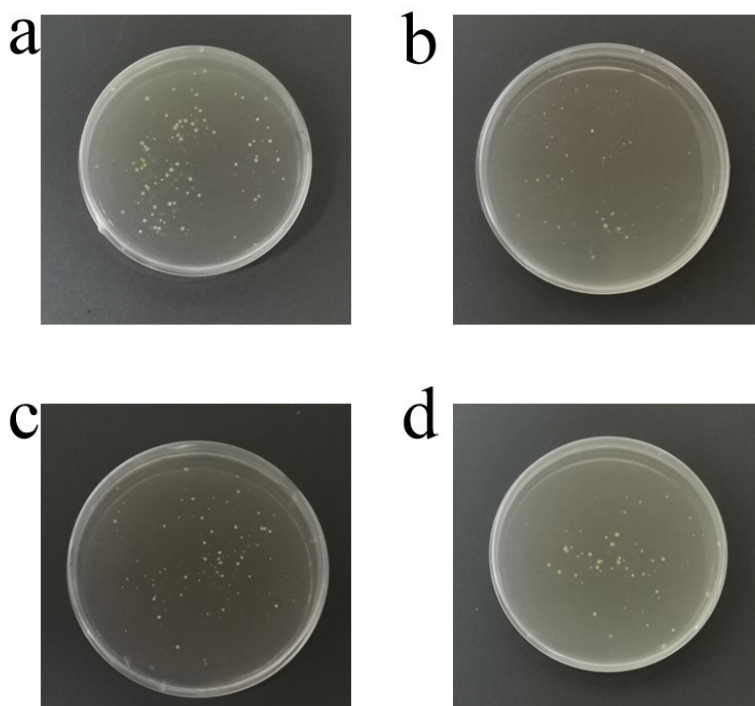


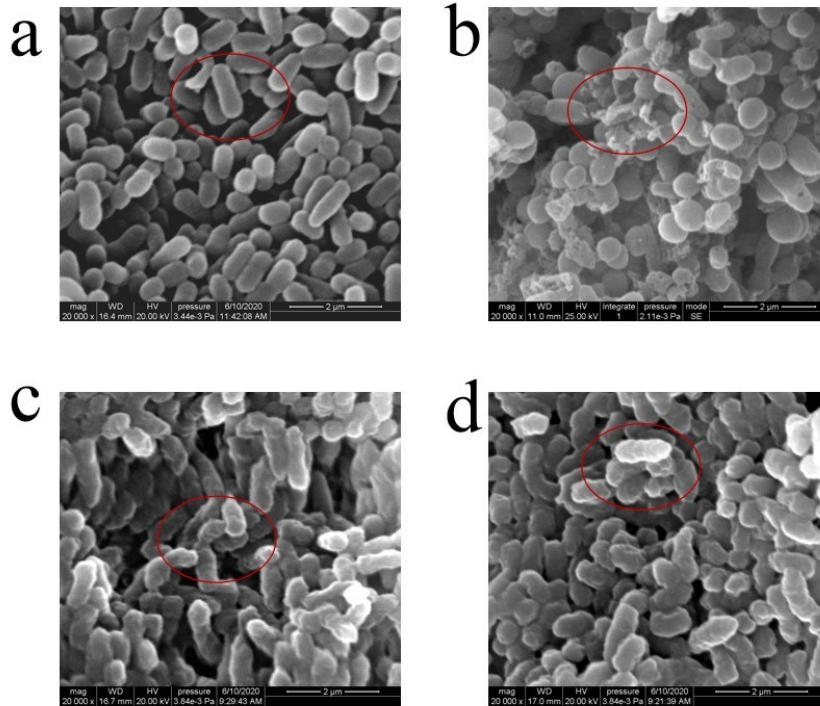
Supporting information:

S. Figure1. Colony comparison of various furan chemicals on agar-sorbitol-plates

(a) without furan chemical; (b) 10 g/L furfural addition; (c) 10 g/L FA addition;
(d) 5 g/L furfural plus 5 g/L FA addition.



S. Figure.2 SEM imagines comparison of cell figures in various furan chemicals mediums (a) Blank control medium; (b) 10 g/L furfural; (c) 10 g/L FA; (d) 5 g/L furfural plus 5 g/L FA



S. Figure.3 The comparison of NMR characterization between crystal obtained from EDS step and FA standardsimulation diagram (a) The hydrogen spectrum of crystal and FA; (b) The carbon spectrum of crystal and FA

