

## Supporting Information

### **Preparation and characterization of alginate - *N*-2-hydroxypropyl trimethyl ammonium chloride chitosan microcapsules loaded with patchouli oil**

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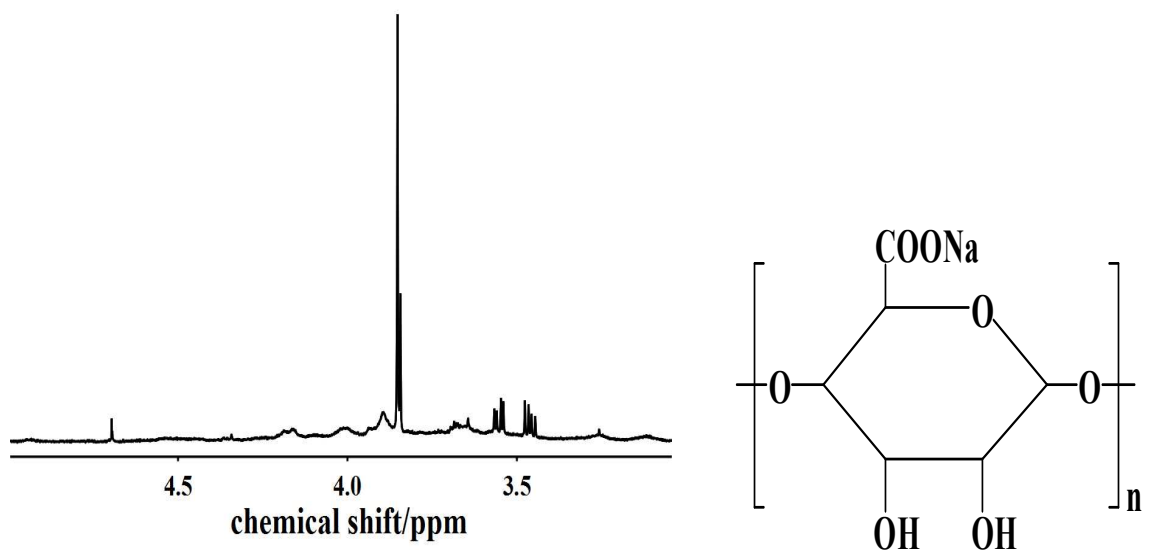
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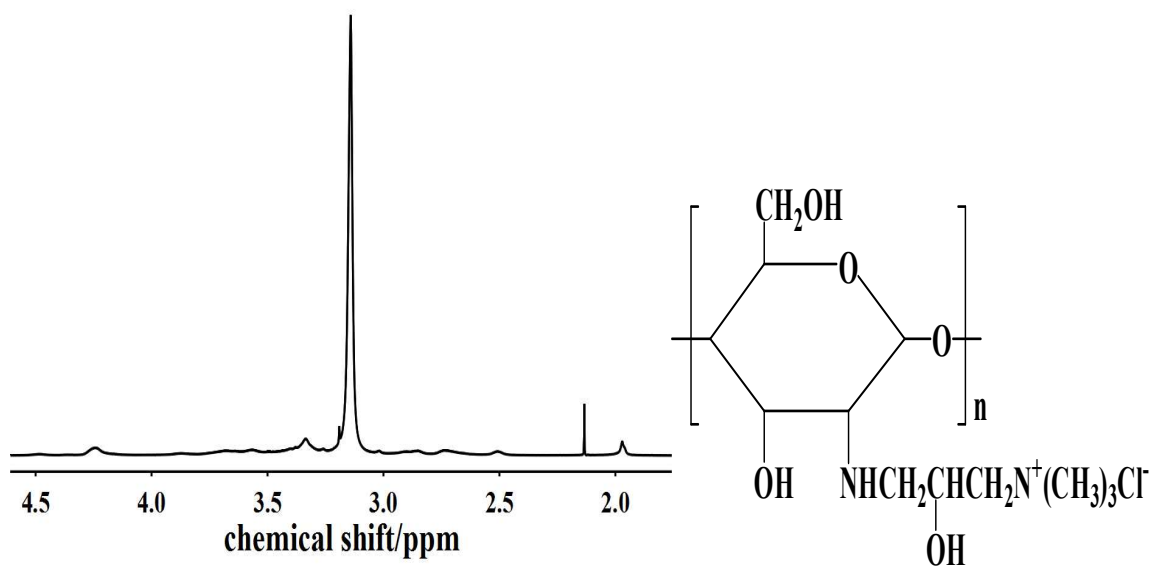
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(A)



(B)

Fig. S1. The proton nuclear magnetic resonance ( $^1\text{H}$  NMR) spectra and formula of Alg (A) and HACC (B)

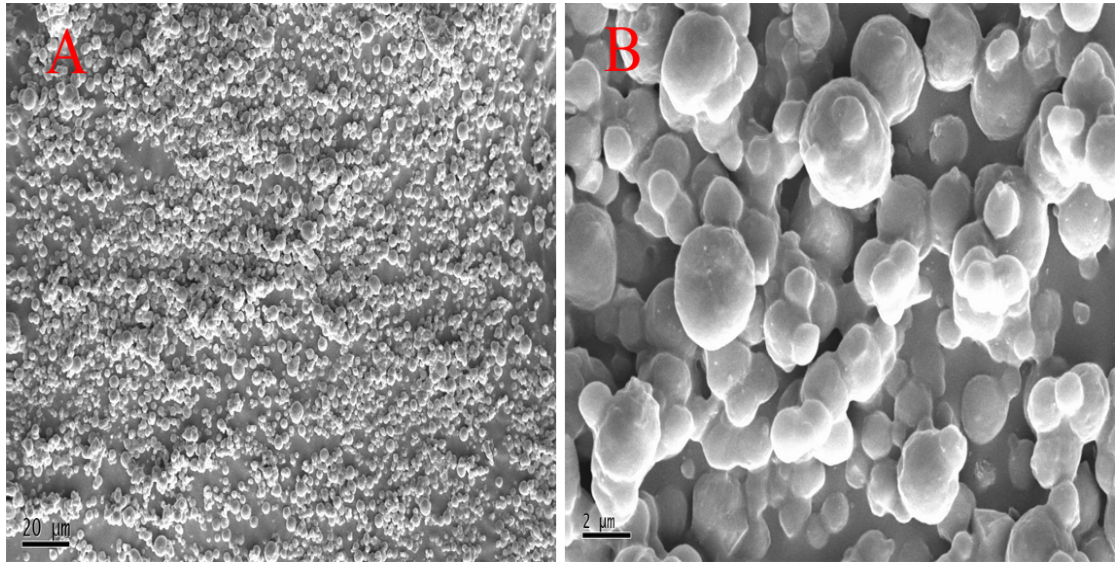


Fig. S2. SEM images of microcapsules after a month(A) and three months(B)