

**Supporting Information for**  
**Functionalized calcium silicate nanofibers with hierarchical structure**  
**derived from oyster shells and its application in heavy metal ions removal**

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### EDS analysis of CSH

The EDS analysis of CSH was showed in Fig.S1. The peaks of Ca. Si. O. C can be observed. It indicates that the CSH is a mixture of calcium silicate hydrates and calcium carbonate. The peak intensity of C is much weak shows a low content of calcium carbonate. In other words, the CSH is mainly composed of calcium silicate.

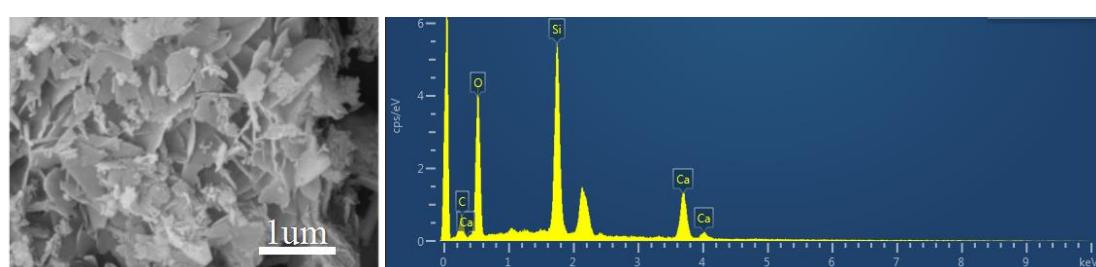


Figure S1. The SEM image and EDS analysis of CSH.